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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Pateht Application of

YASUO NOMURA ET AL.

Appln. No. 09/556,949

Filed: April 21, 2000

For: APPARATUS, METHOD AND
MEDIUM FOR INFORMATION
PROCESSING

Group Art Unit: Not Assigned

Examiner: Not Assigned

SUBMISSION OF FORMAL DRAWINGS

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San Francisco, CA 94111
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Attention: Official Draftsman
Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Enclosed for filing in the above-identified application are forty-five (45) sheets of formal drawings comprising Figures 1 through 45C.

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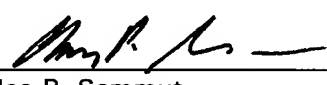
Respectfully submitted,

LIMBACH & LIMBACH L.L.P.

August 22, 2000
(Date)

SONY-T0472
(S00P0472US00)

By:


Charles P. Sammut
Registration No. 28,901
Attorneys for Applicant(s)

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Attn: Official Draftsman, Assistant Commissioner for Patents, Washington, D.C. 20231, on August 22, 2000.

LIMBACH & LIMBACH L.L.P. Date: August 22, 2000

By:

Name: Susan Ozanne

FIG. 1

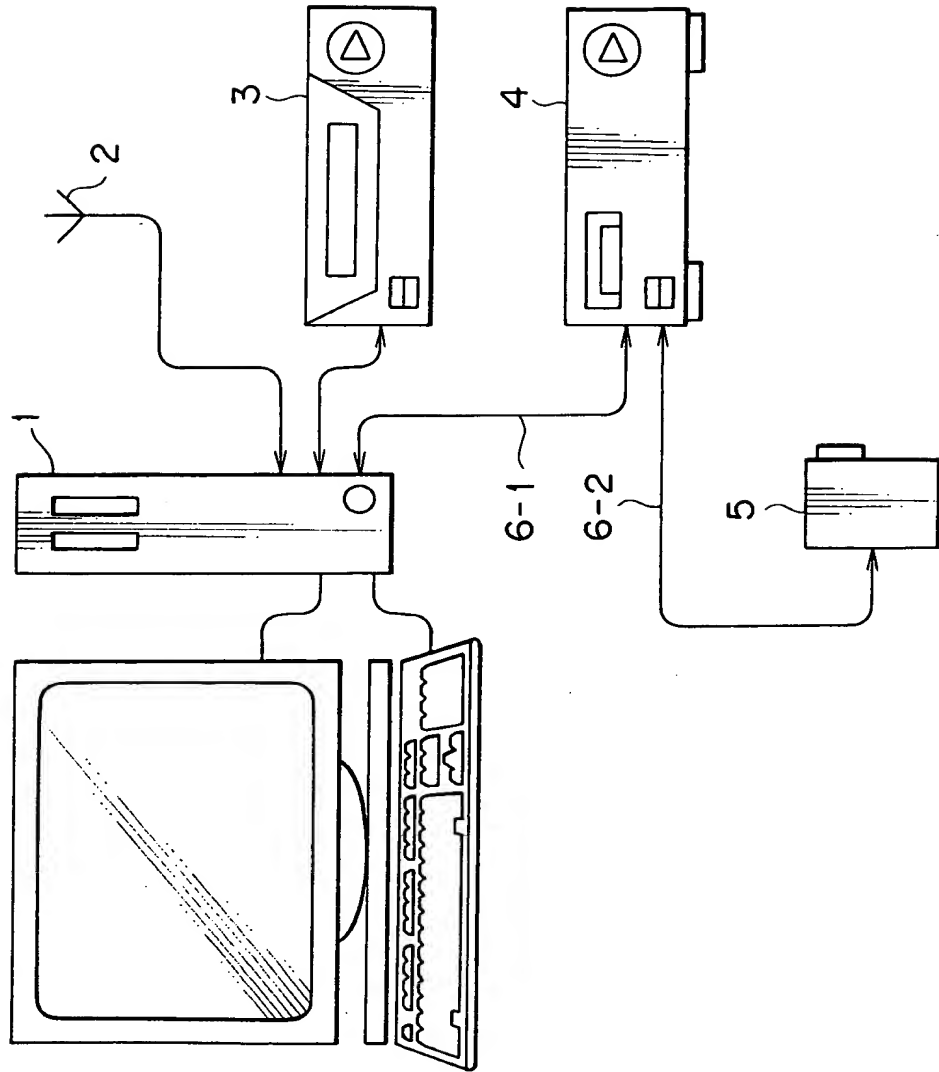


FIG. 2

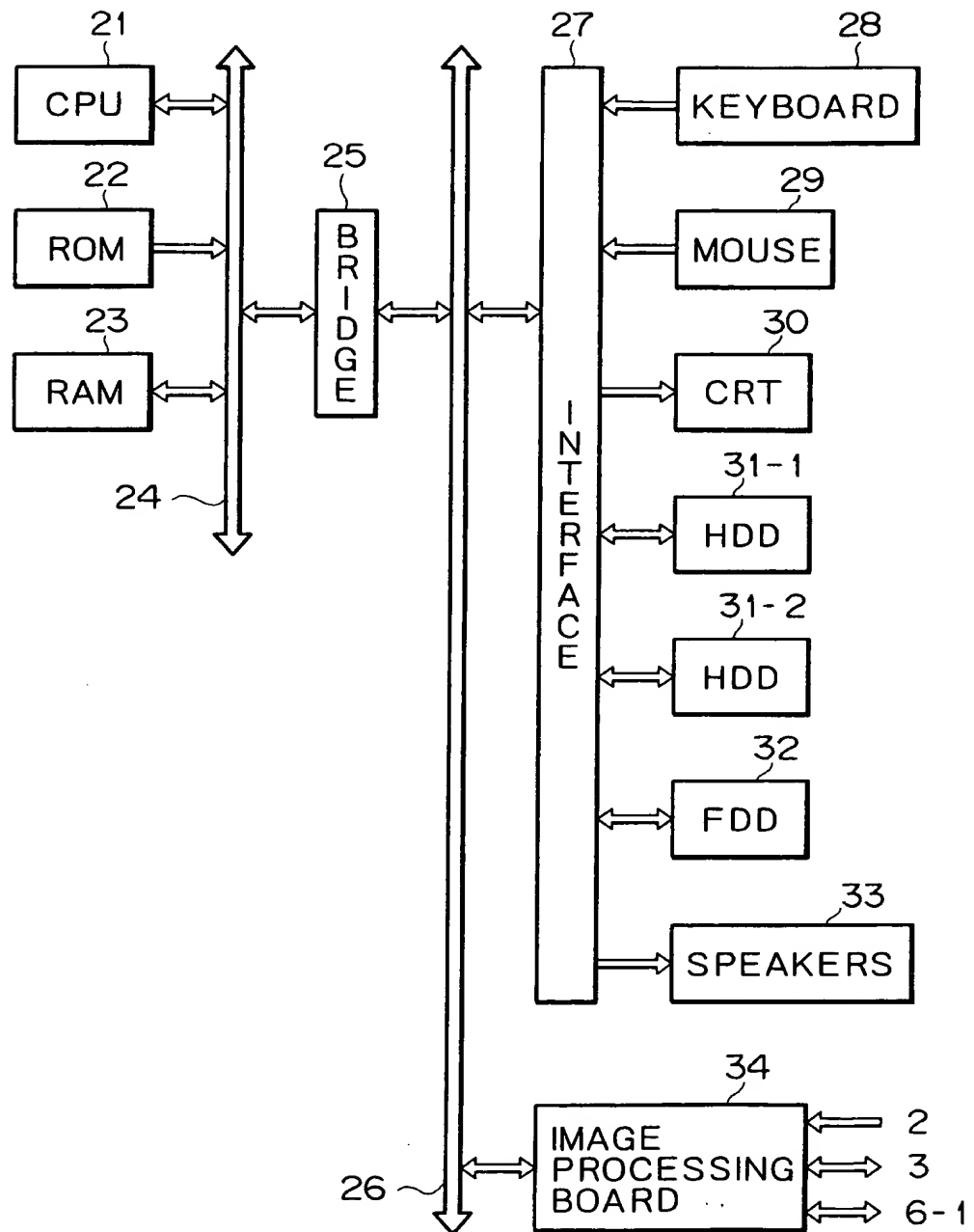


FIG. 3

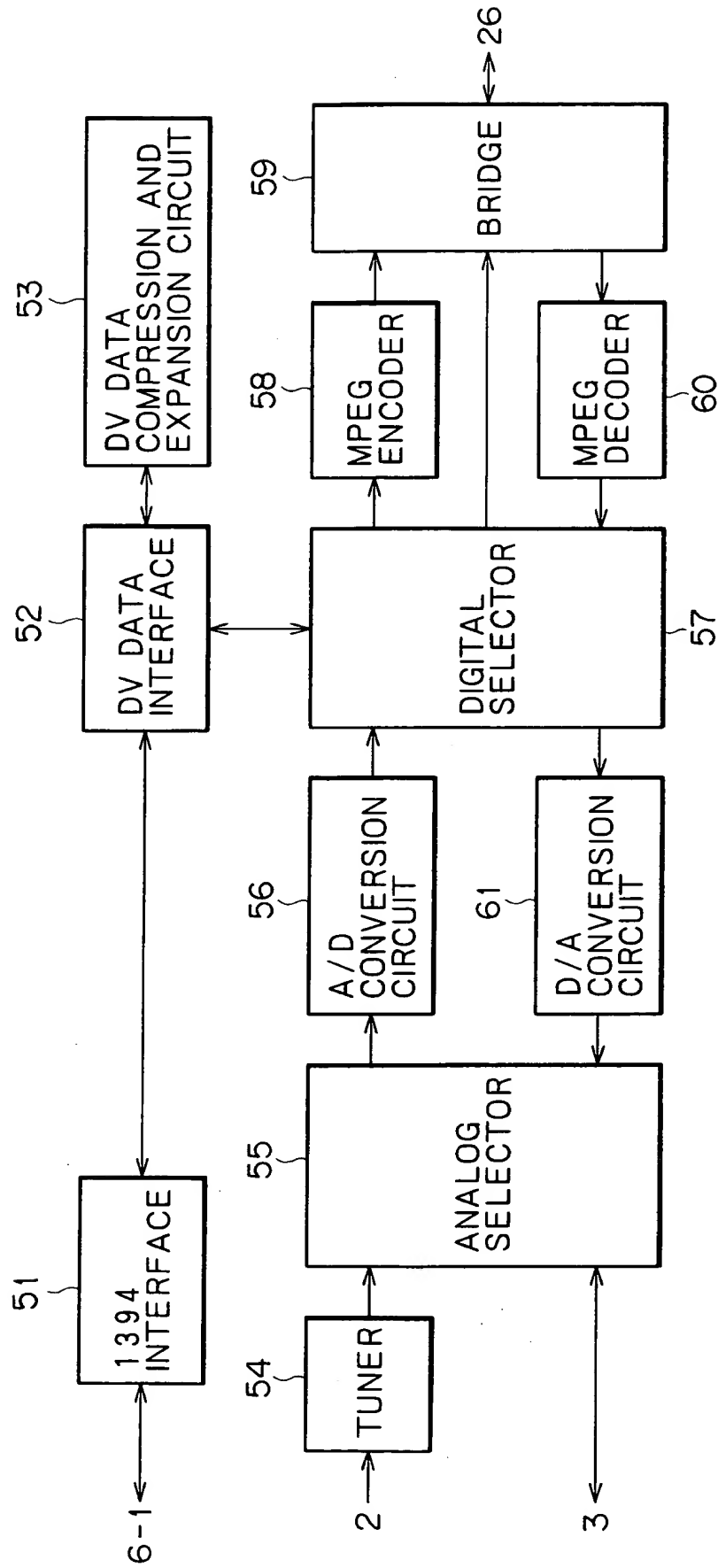


FIG. 4

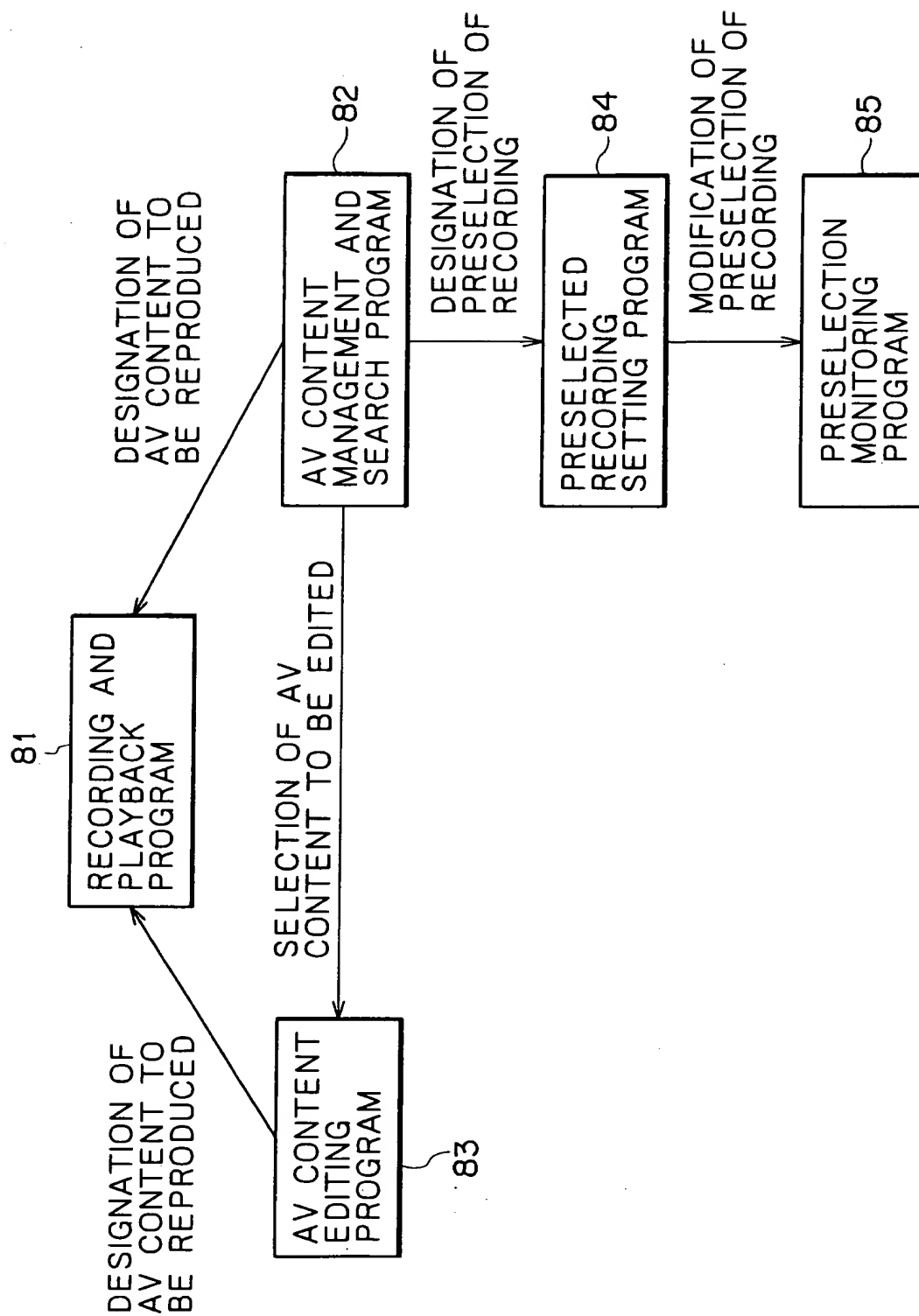


FIG. 5

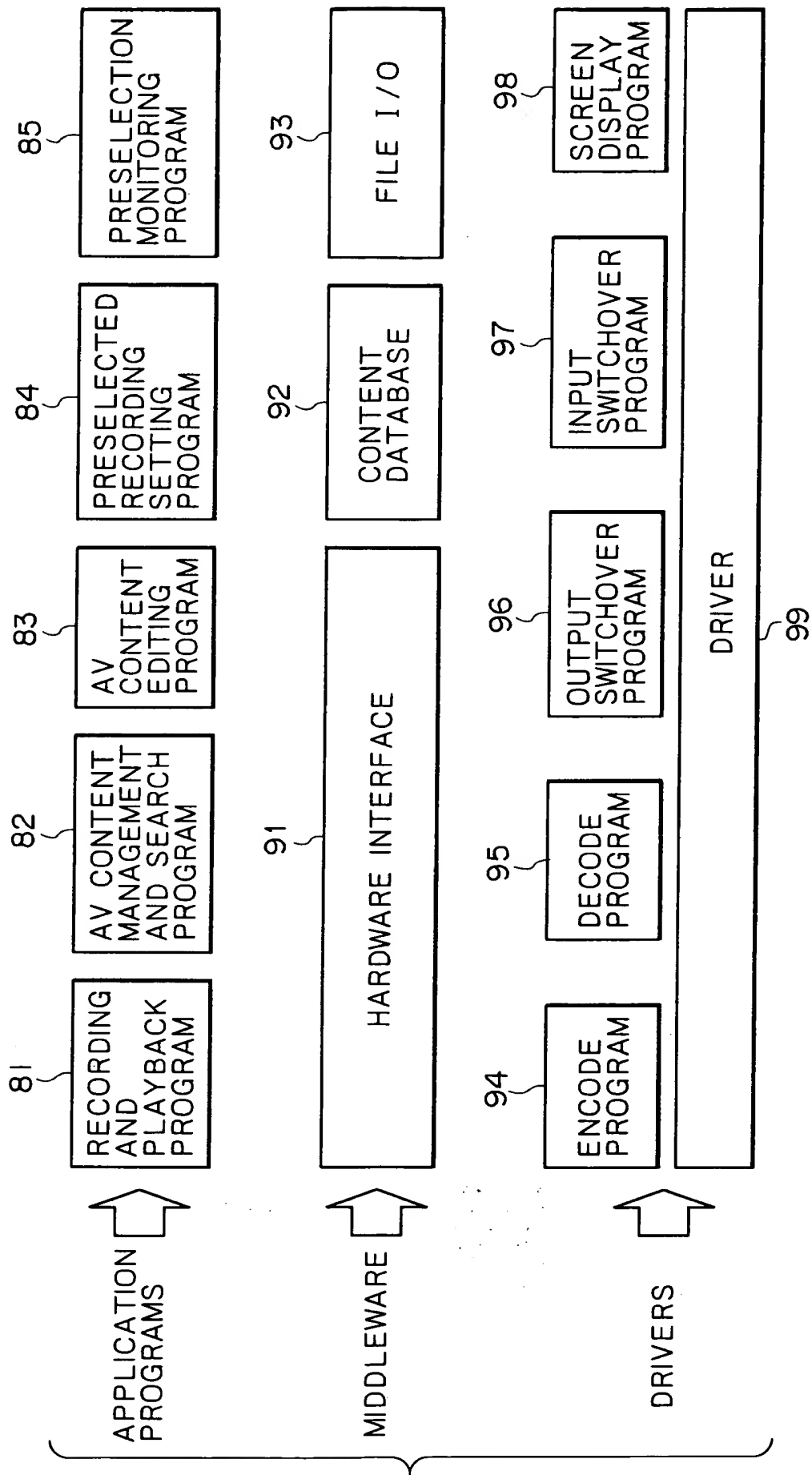


FIG. 6

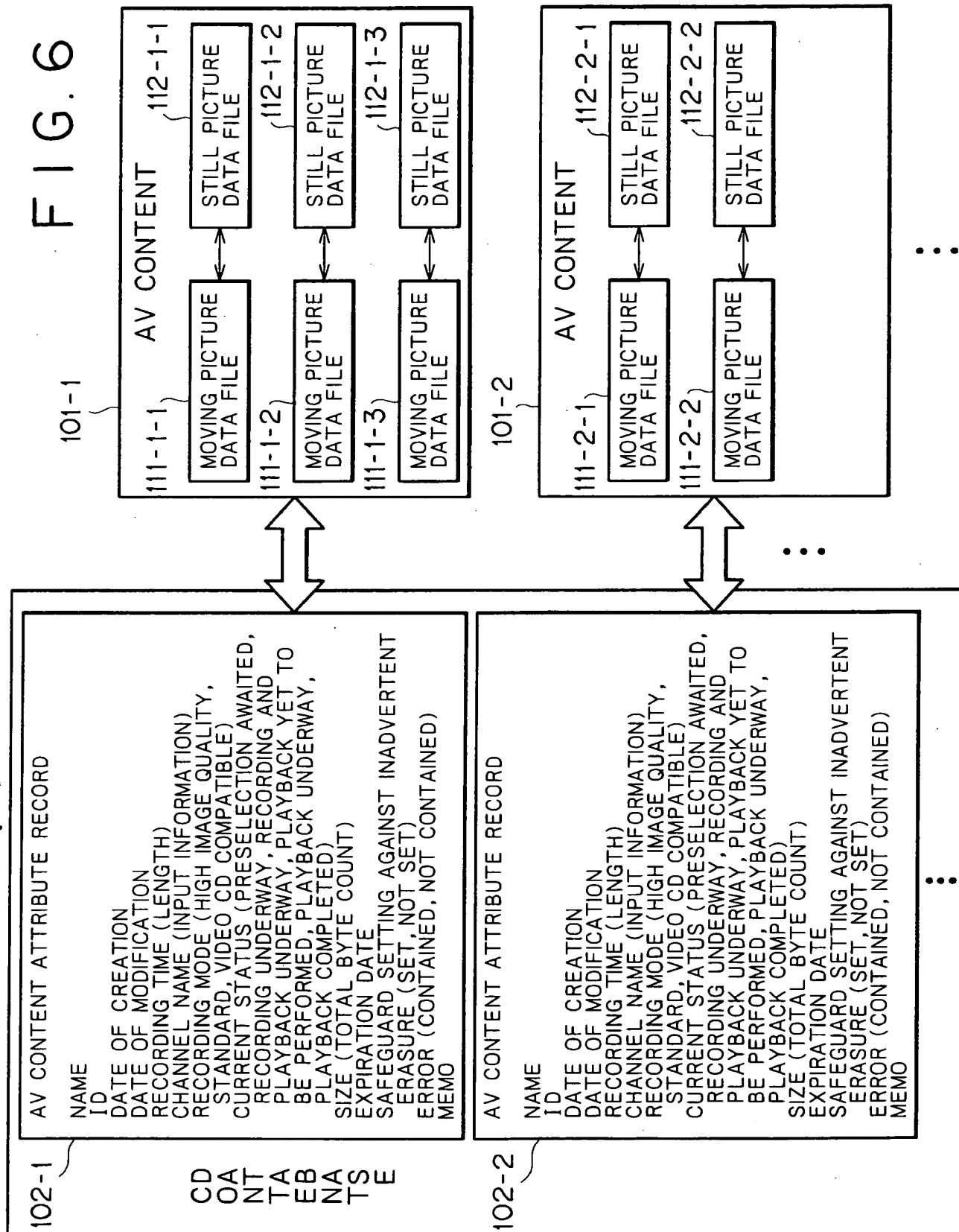


FIG. 7

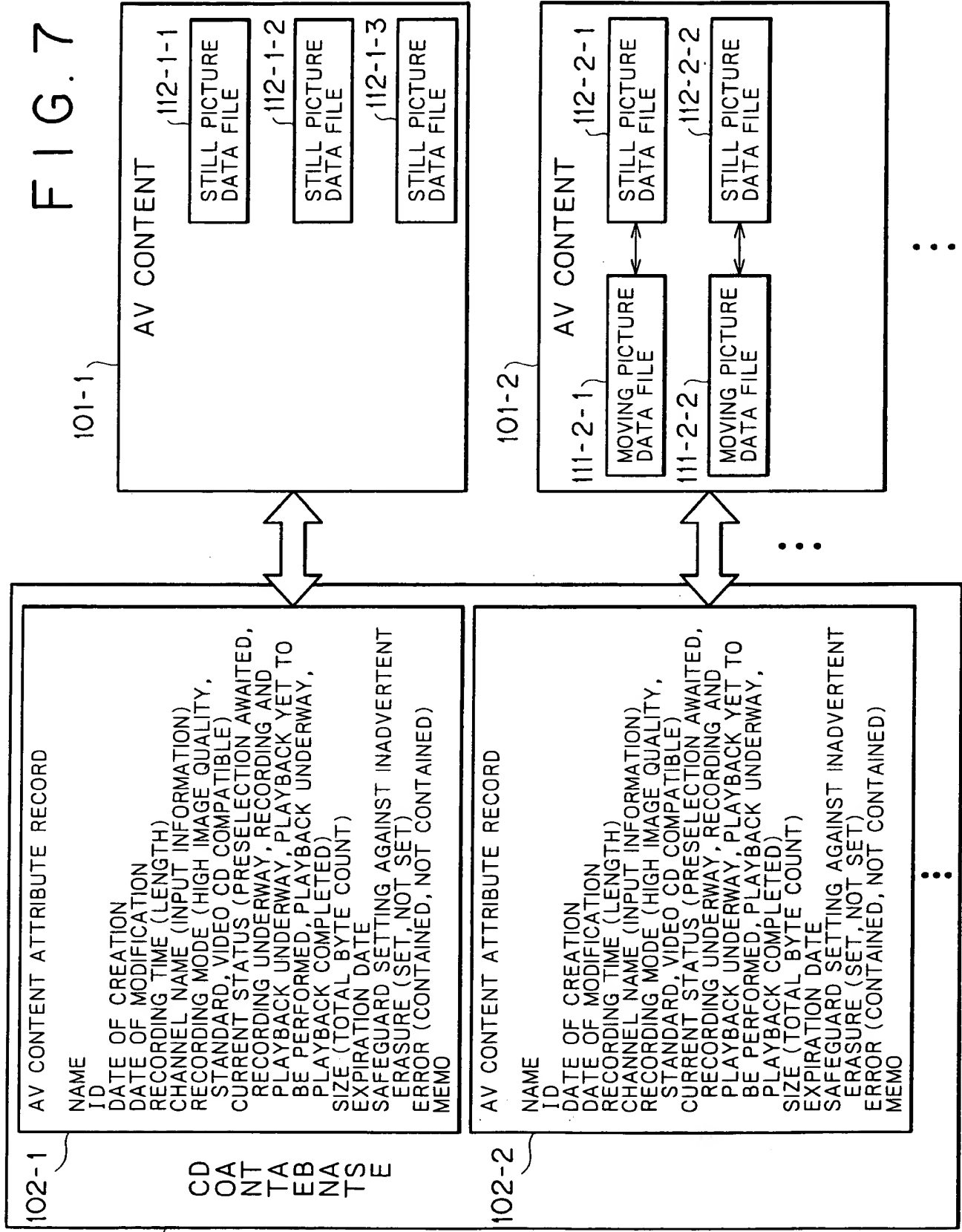
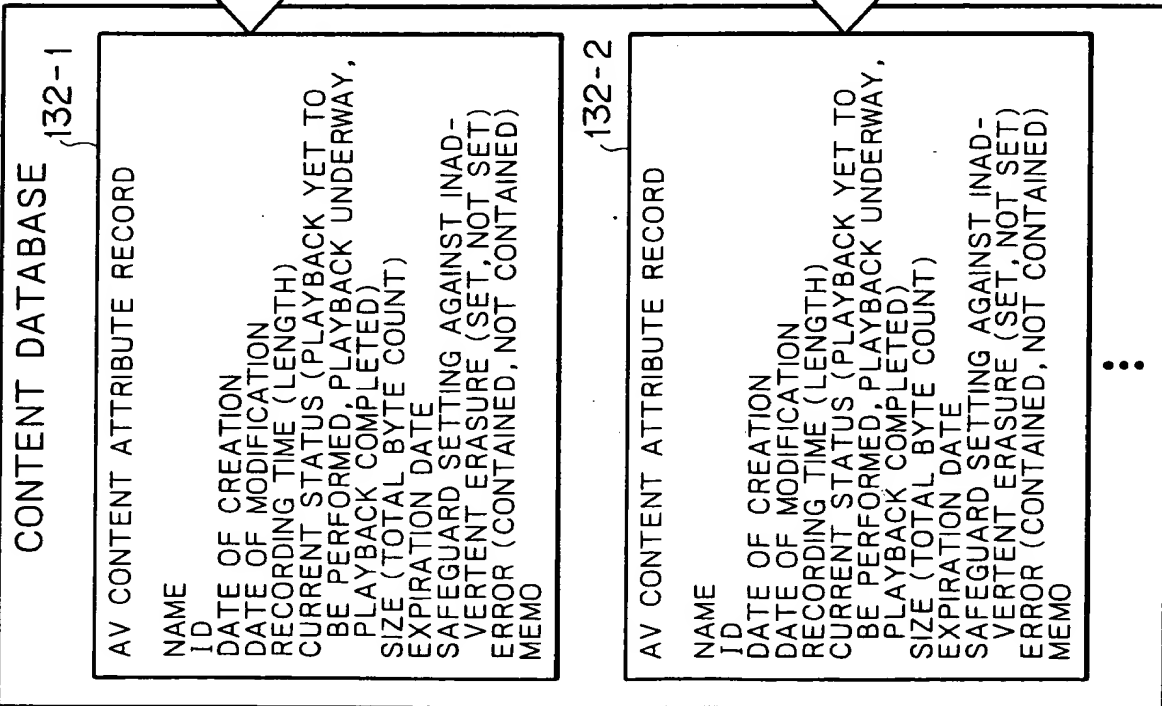
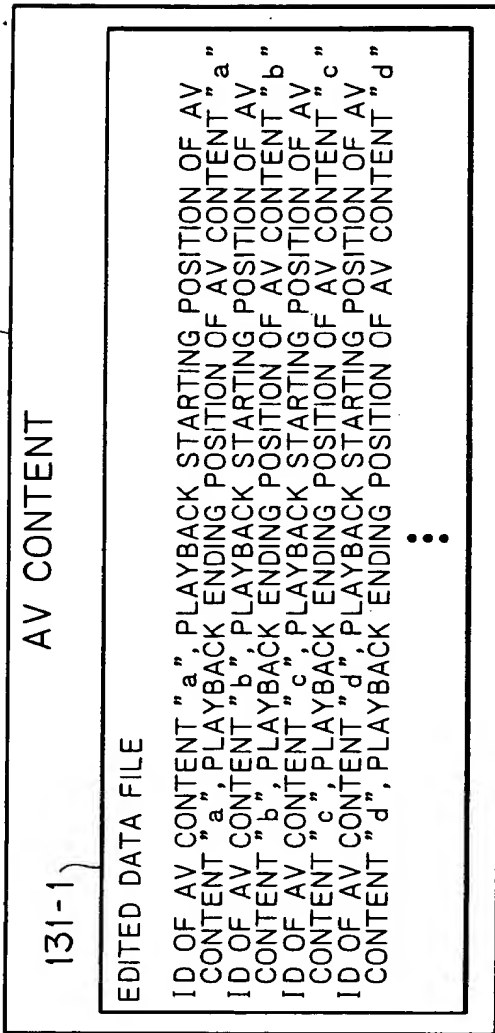


FIG. 8

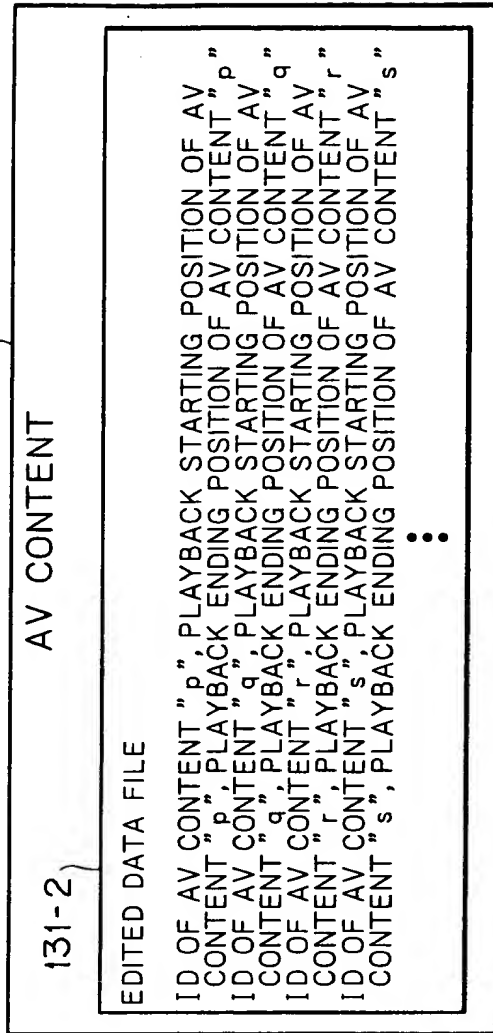
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121-1



121-2



⋮

FIG. 9

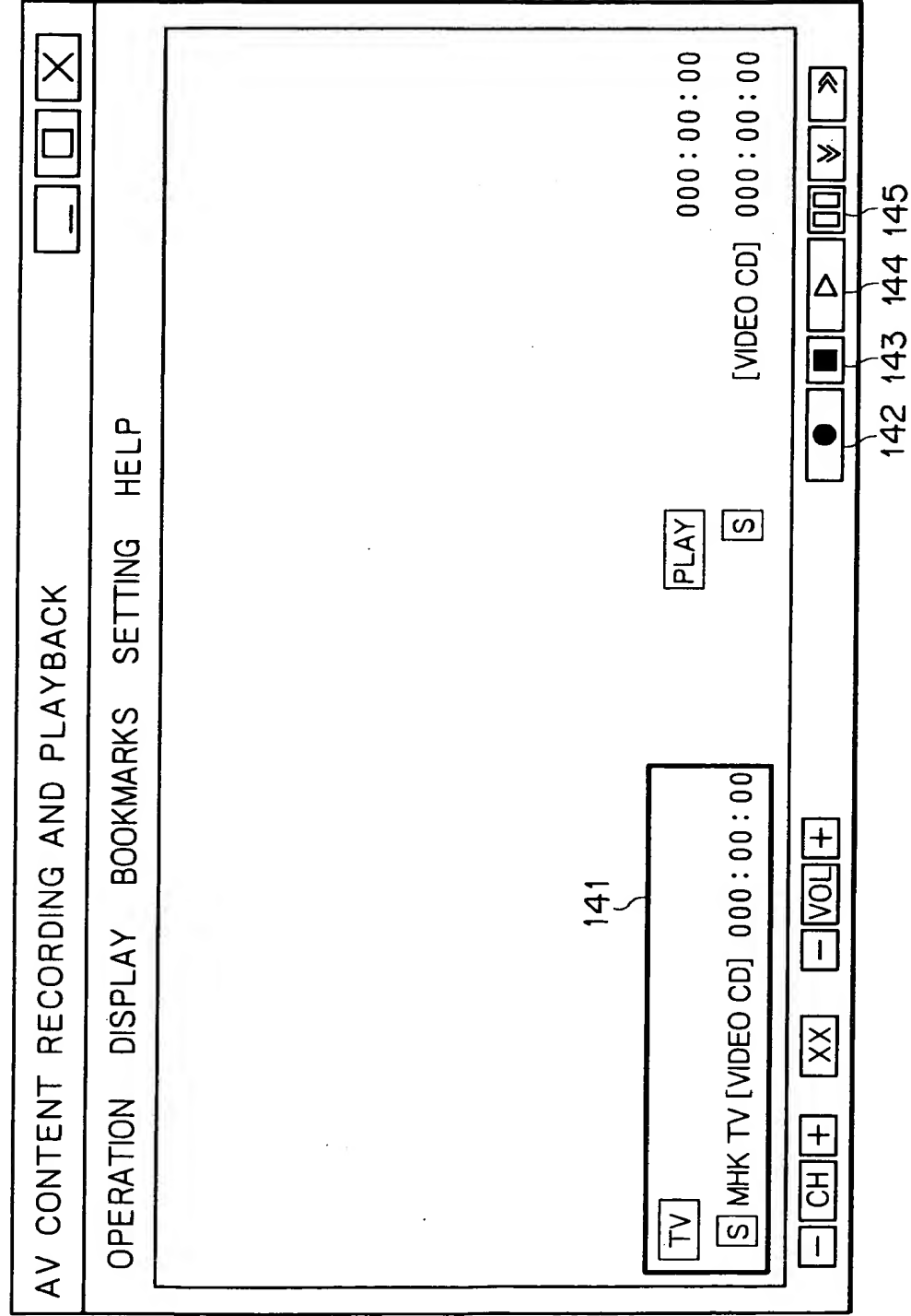


FIG. 10

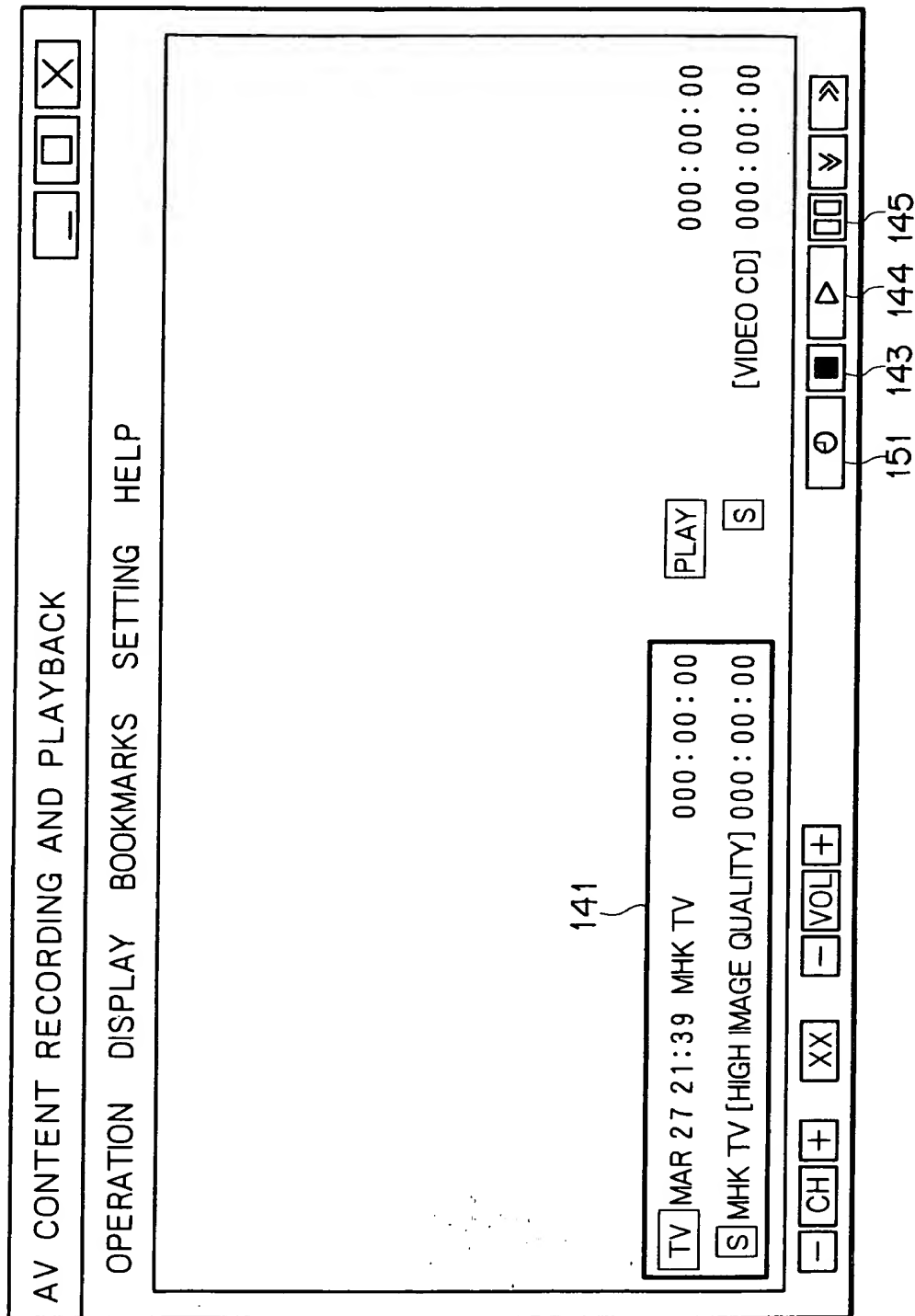


FIG. 11A

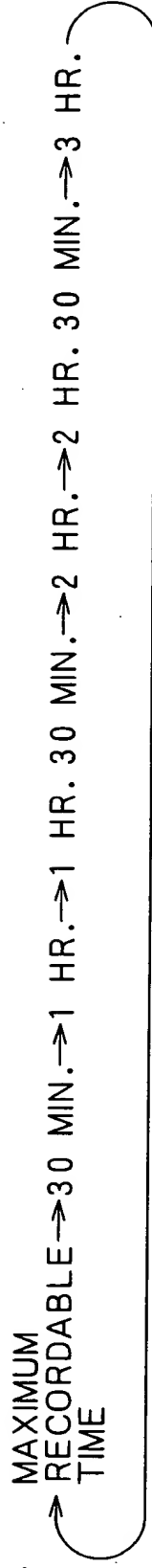


FIG. 11B

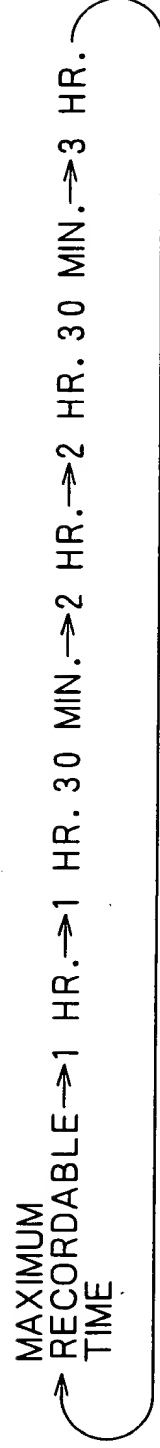


FIG. 11C

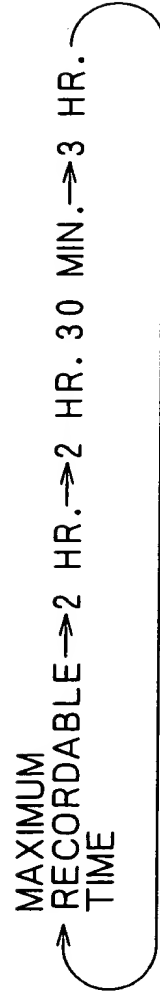


FIG. 12


| RECORDING END TIME SETTING | |  | |
|-----------------------------------|---|---|---|
| <p>— SET RECORDING DURATION —</p> | | | |
| <input checked="" type="radio"/> | TERMINATE RECORDING SINCE STARTING: | | |
| | | 30 MIN. | ▼ |
| | | 30 MIN. | |
| | | 1 HR. | |
| | | 1 HR. 30 MIN. | |
| | | 2 HR. | |
| | | 2 HR. 30 MIN. | |
| | | 3 HR. | |
| <input type="radio"/> | TERMINATE RECORDING AT: (ENDING AT:) | | |
| <input type="radio"/> | SPECIFY MAXIMUM RECORDABLE TIME (ENDING AT:) | | |
| | | 23:22 ON FEB 24 | |
| OK | | CANCEL | |
| | | HELP | |

FIG. 13

RECORDING END TIME SETTING

SET RECORDING DURATION

☐ TERMINATE RECORDING SINCE STARTING:
30 MIN. ▼ LATER

☐ TERMINATE RECORDING AT:
(ENDING AT:) 12 ▲ ▼ : 34 ▲ ▼

☒ SPECIFY MAXIMUM RECORDABLE TIME
(ENDING AT:) 23:22 ON FEB 24

OK CANCEL HELP

FIG. 14

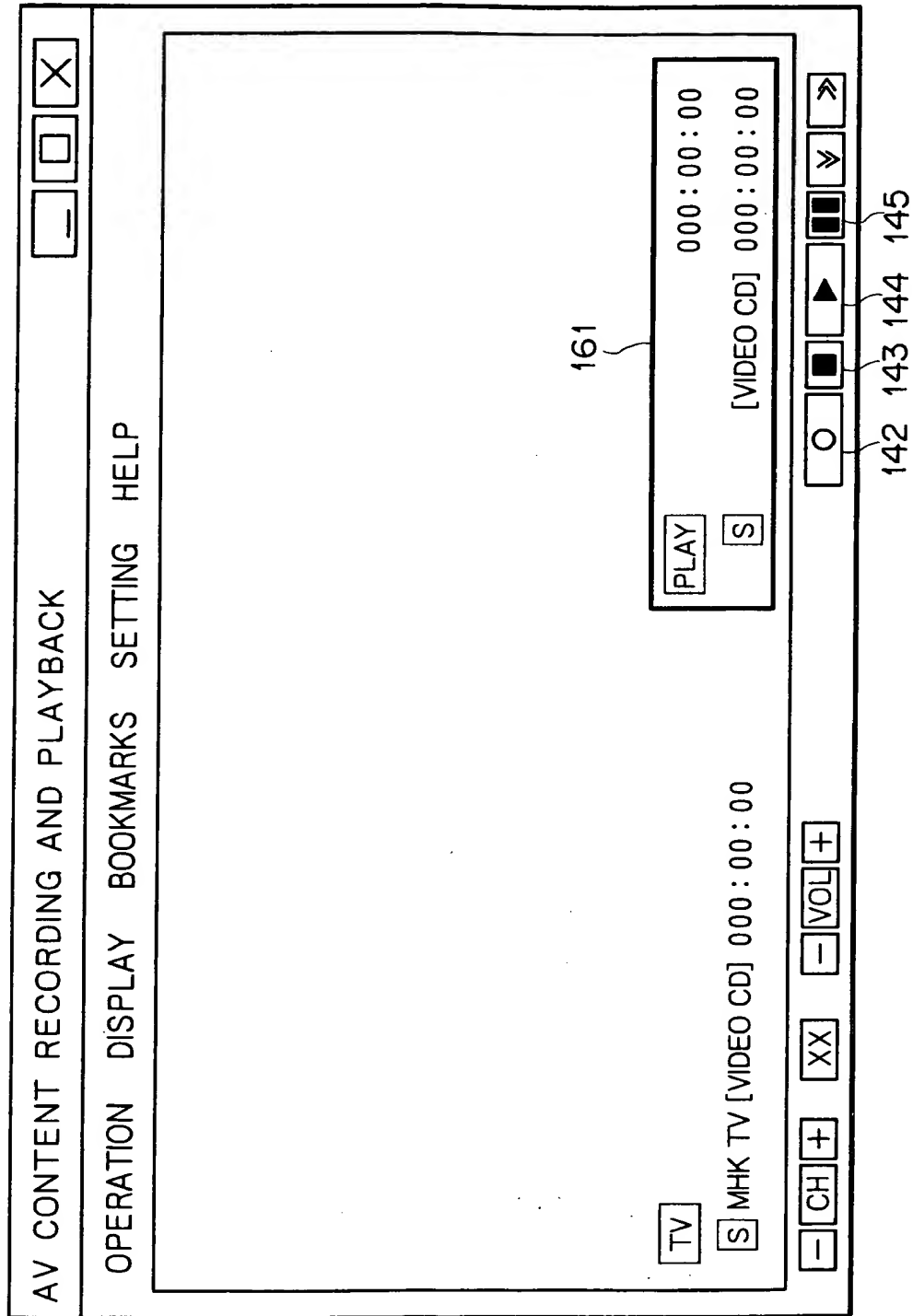


FIG. 15

AV CONTENT RECORDING AND PLAYBACK

OPERATION DISPLAY BOOKMARKS SETTING HELP

INPUT [PLAY] 000:00:00
[STANDARD] 000:00:00
[HIGH IMAGE QUALITY] 000:00:00

COPY [PLAY] 000:00:00
[STANDARD] 000:00:00
[HIGH IMAGE QUALITY] 000:00:00

TV [PLAY] 000:00:00
MHK TV [VIDEO CD] 000:00:00

CH VOL XX

141 142 143 144 145

FIG. 16

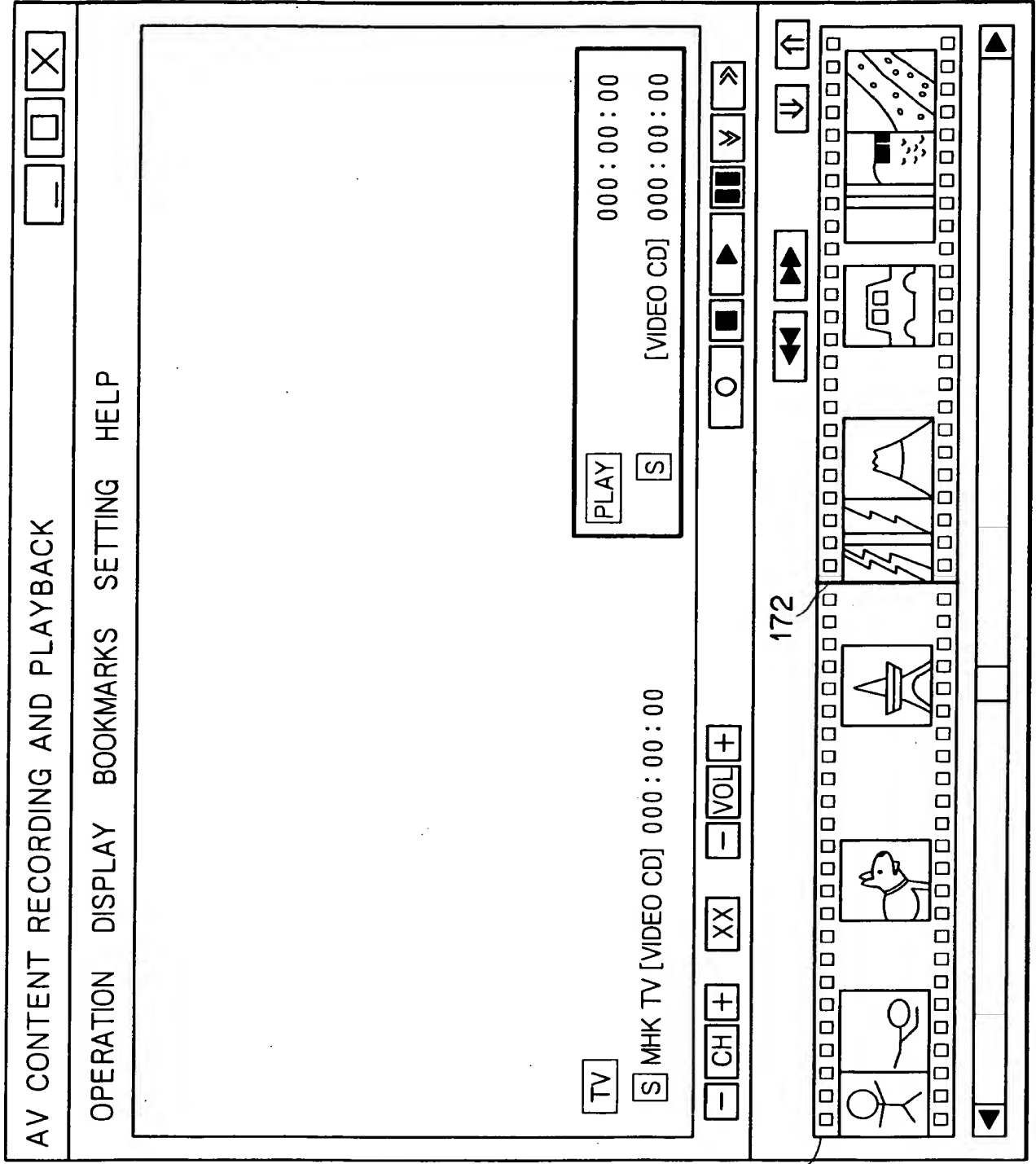


FIG. 18

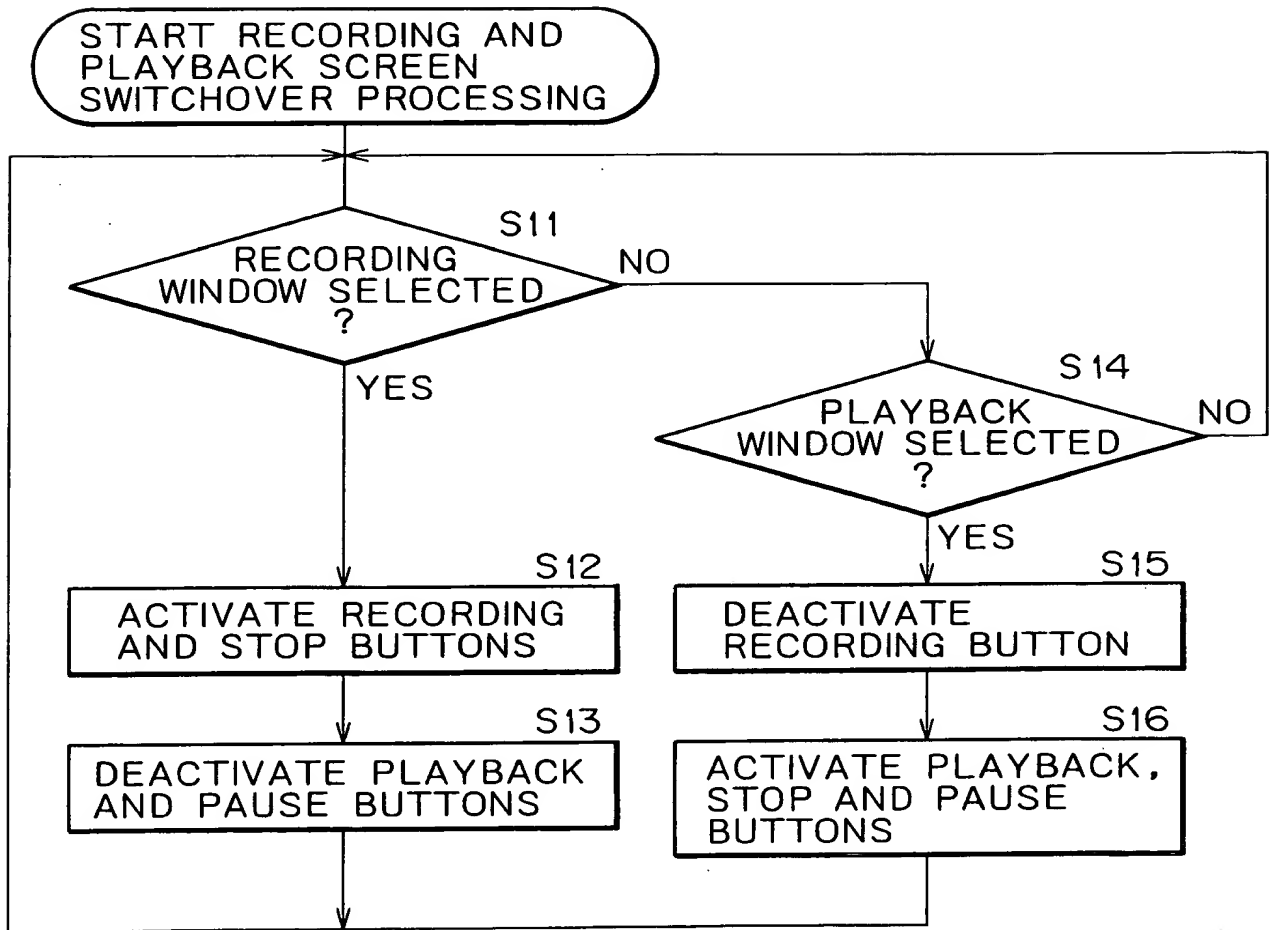
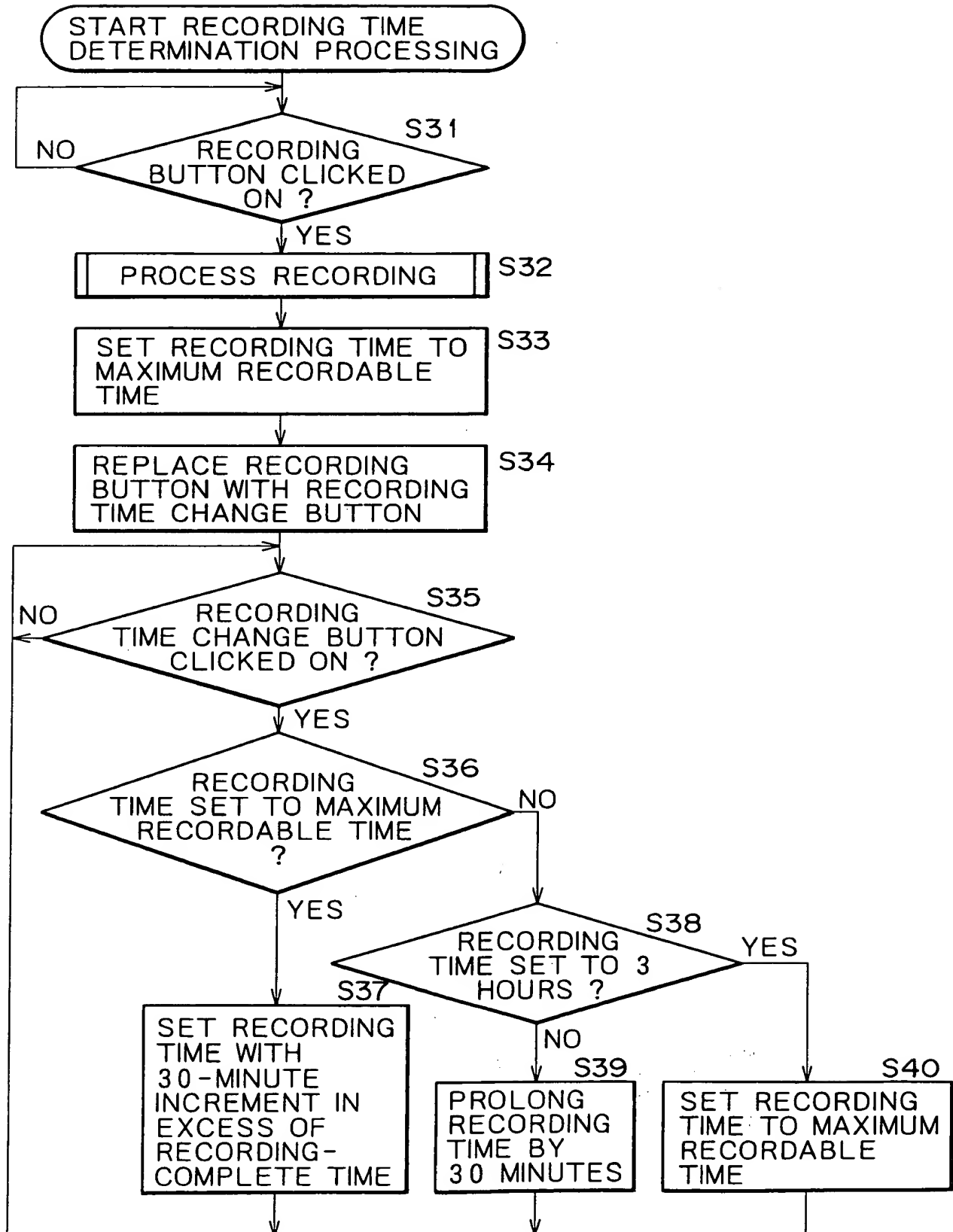


FIG. 19



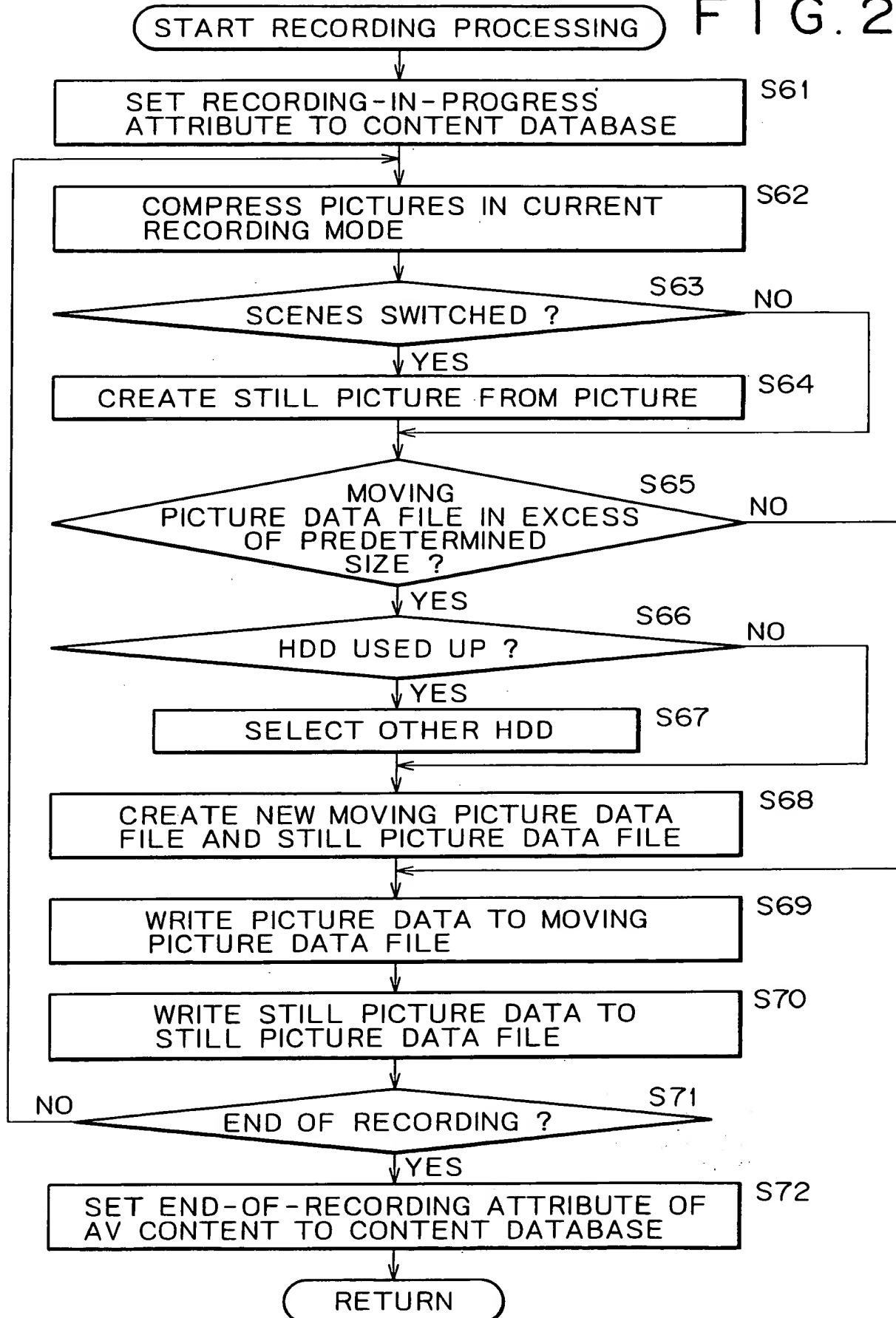


FIG. 21

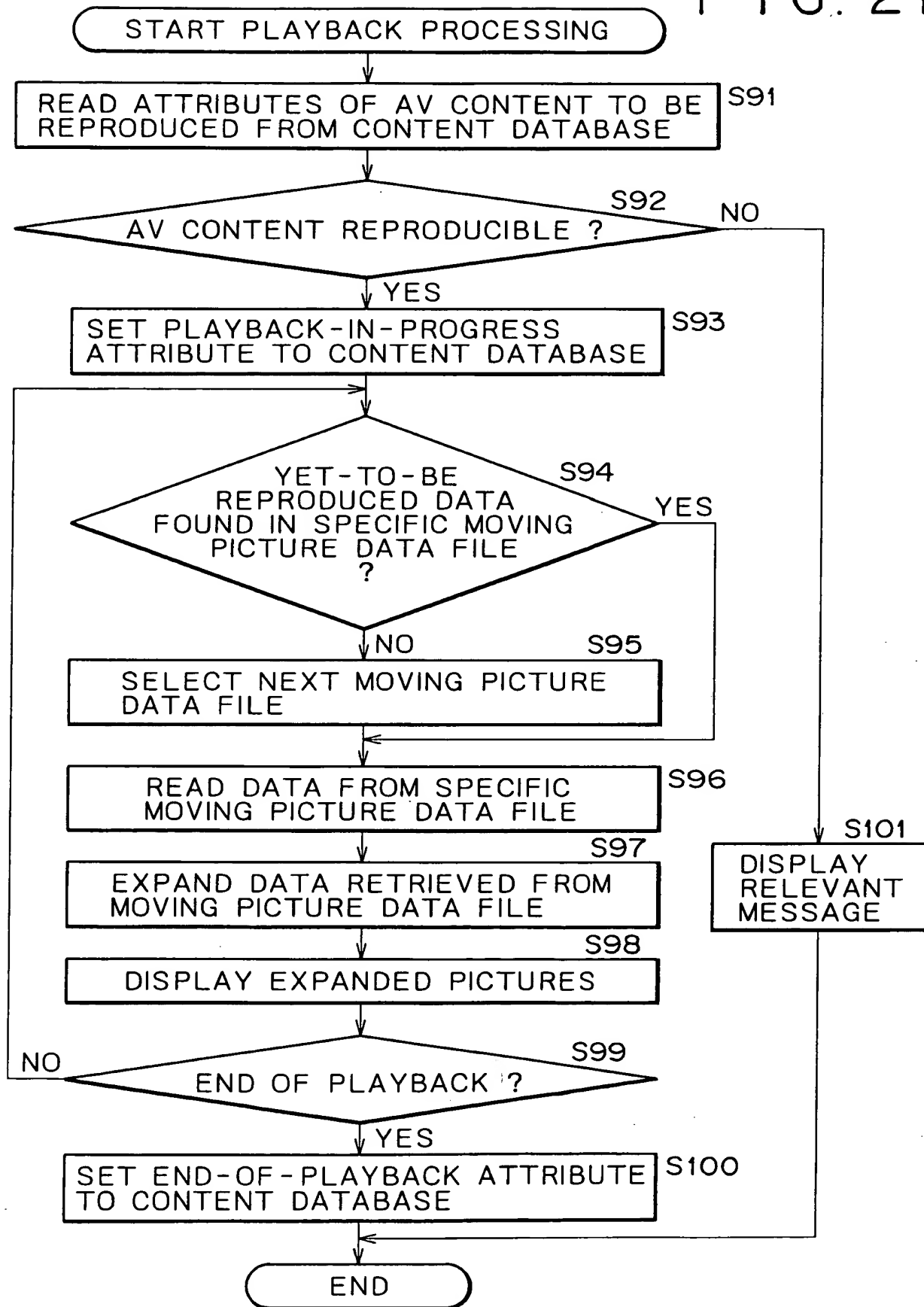


FIG. 22

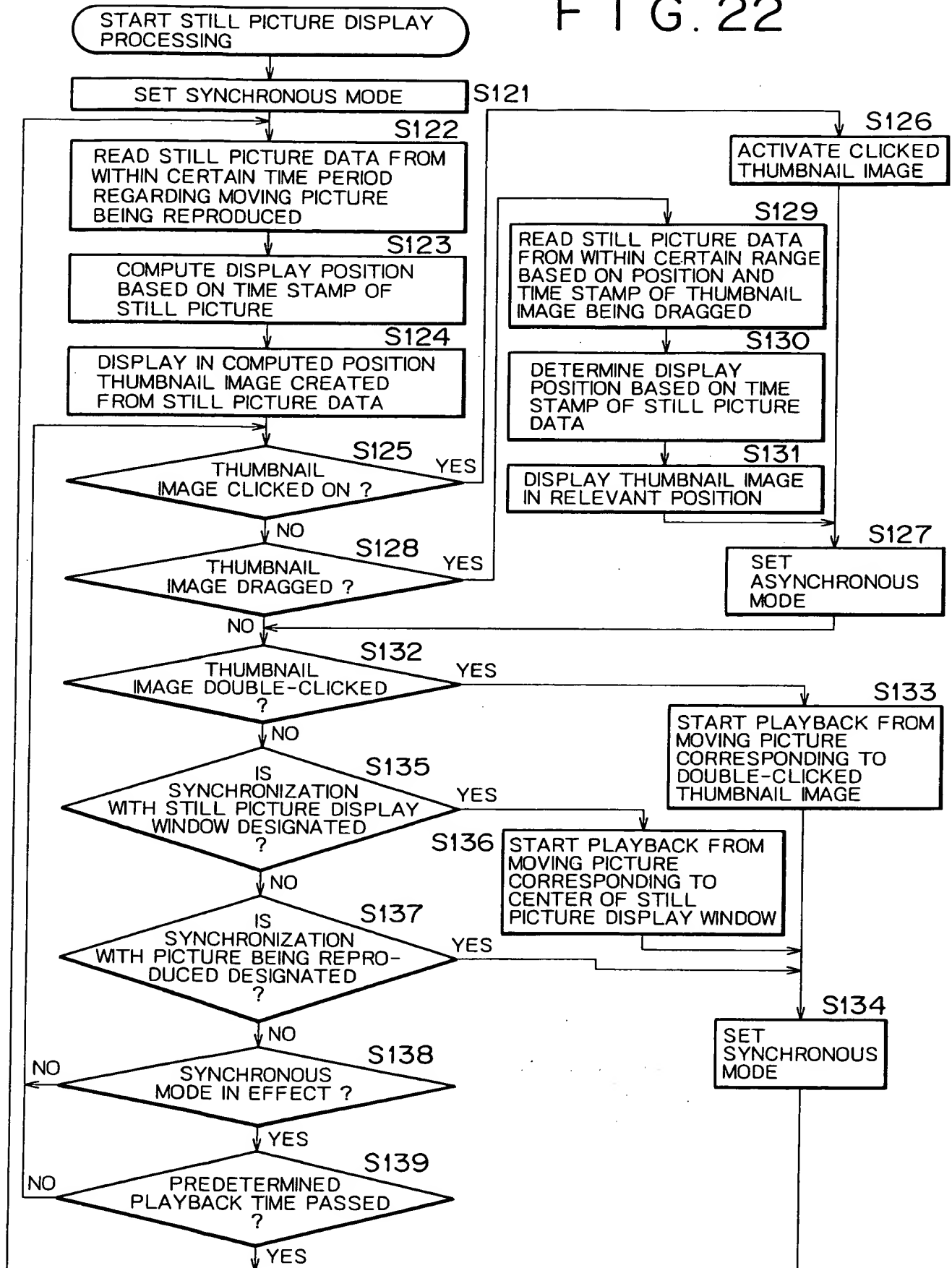


FIG. 23

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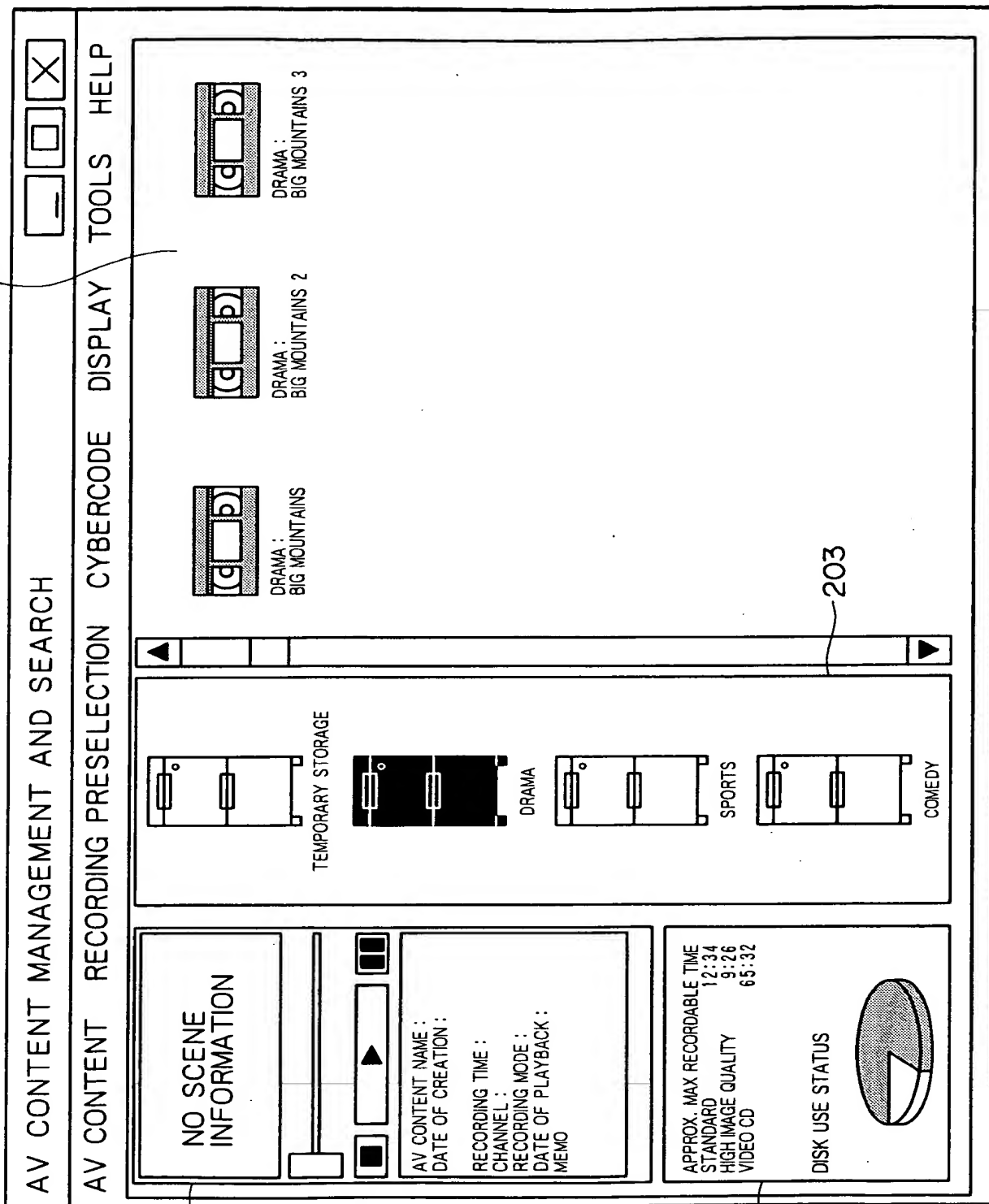


FIG. 24

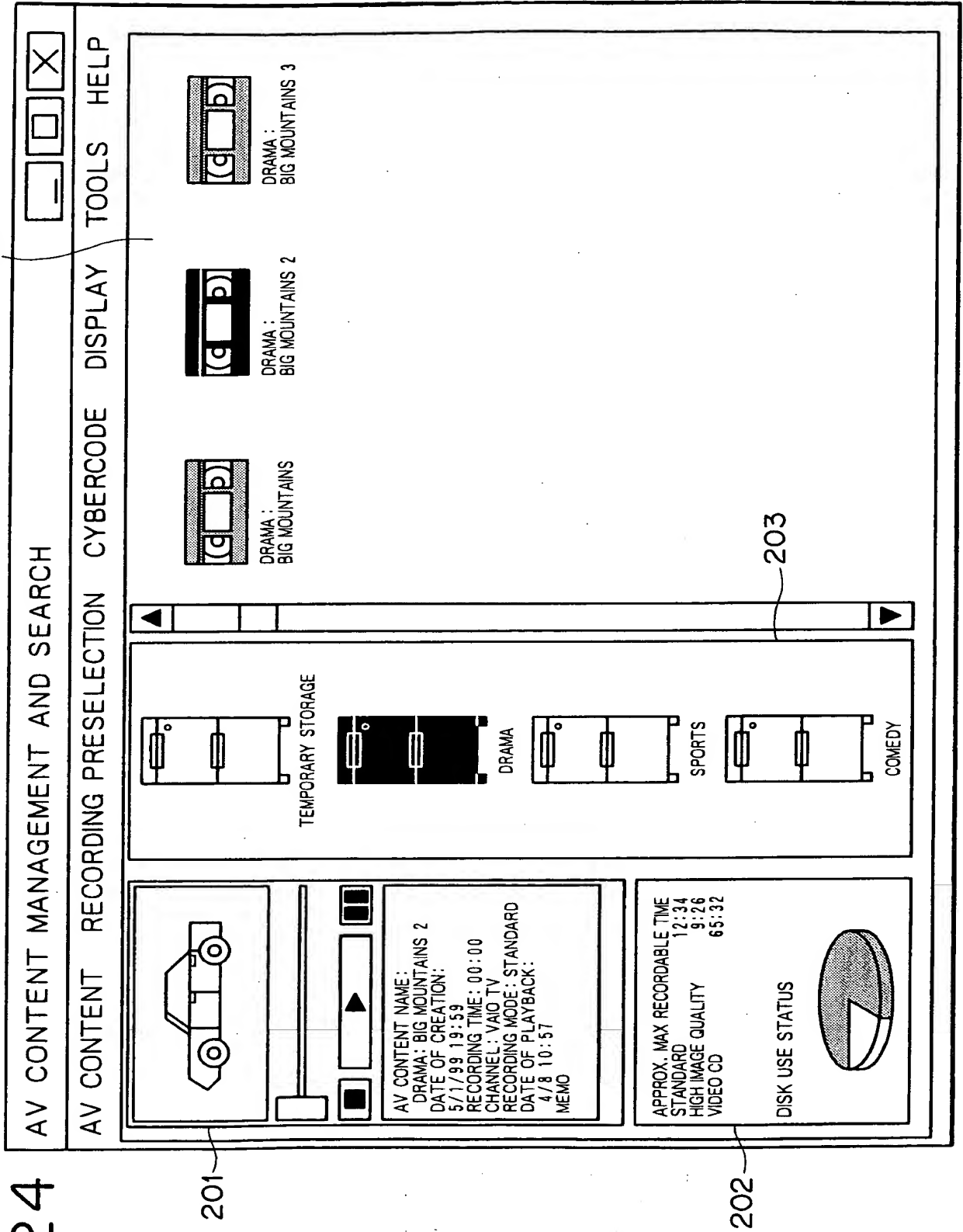


FIG. 25A



FIG. 25B



FIG. 25C



FIG. 25D

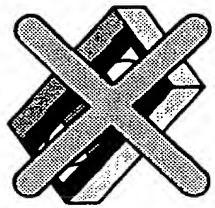


FIG. 25E



FIG. 25F



FIG. 25G



FIG. 25H

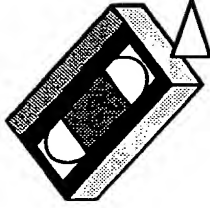


FIG. 25I



FIG. 25J

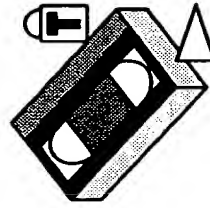


FIG. 25K

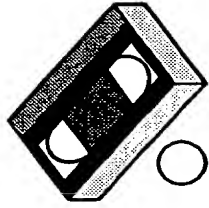


FIG. 25L

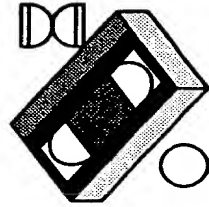


FIG. 25M

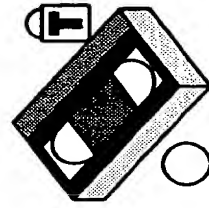


FIG. 26A

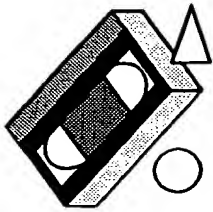


FIG. 26B



FIG. 26C

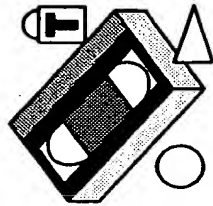


FIG. 26D

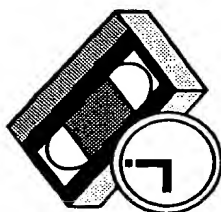


FIG. 26E



FIG. 26F

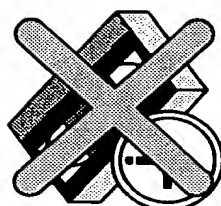


FIG. 26G



FIG. 26H



FIG. 26I

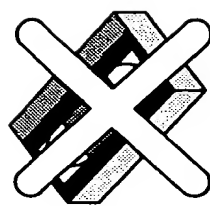


FIG. 26J

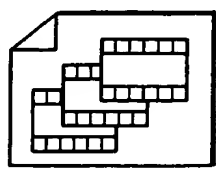


FIG. 26K

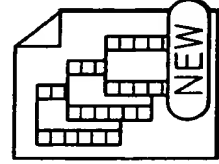


FIG. 26L

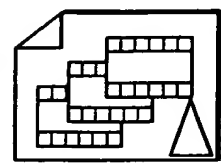
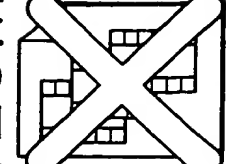


FIG. 26M



251

202-

FIG. 28

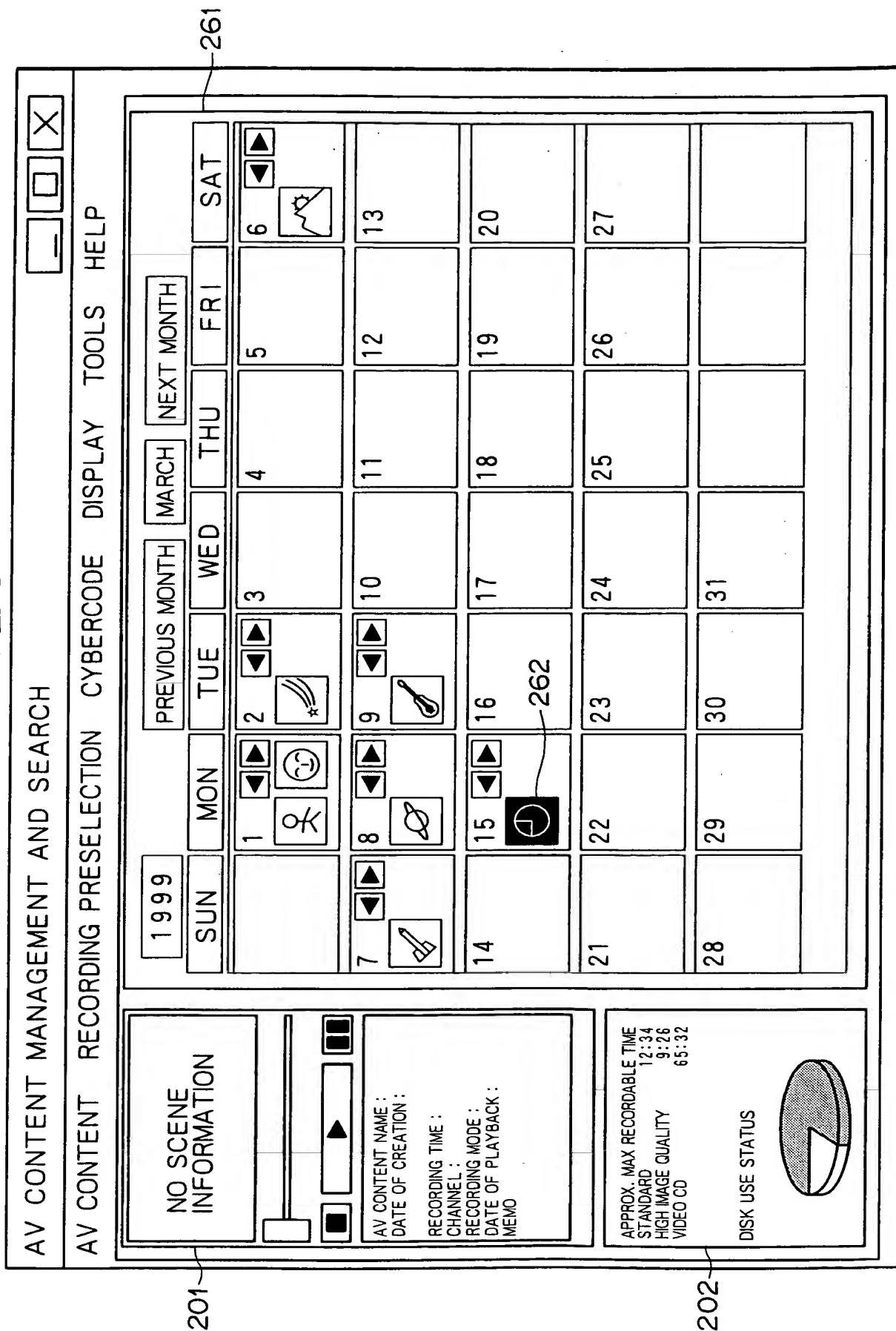


FIG. 29

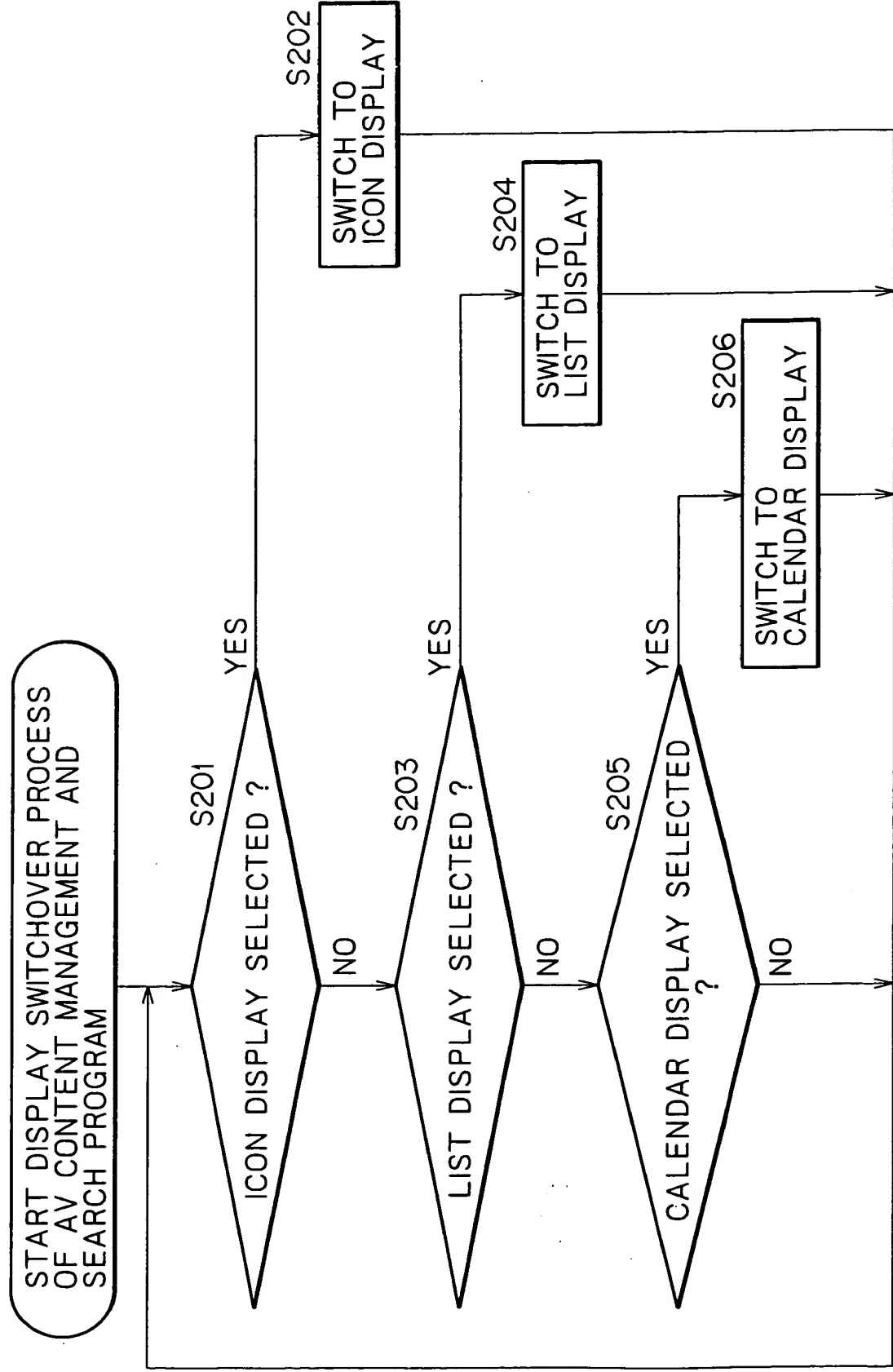


FIG. 30

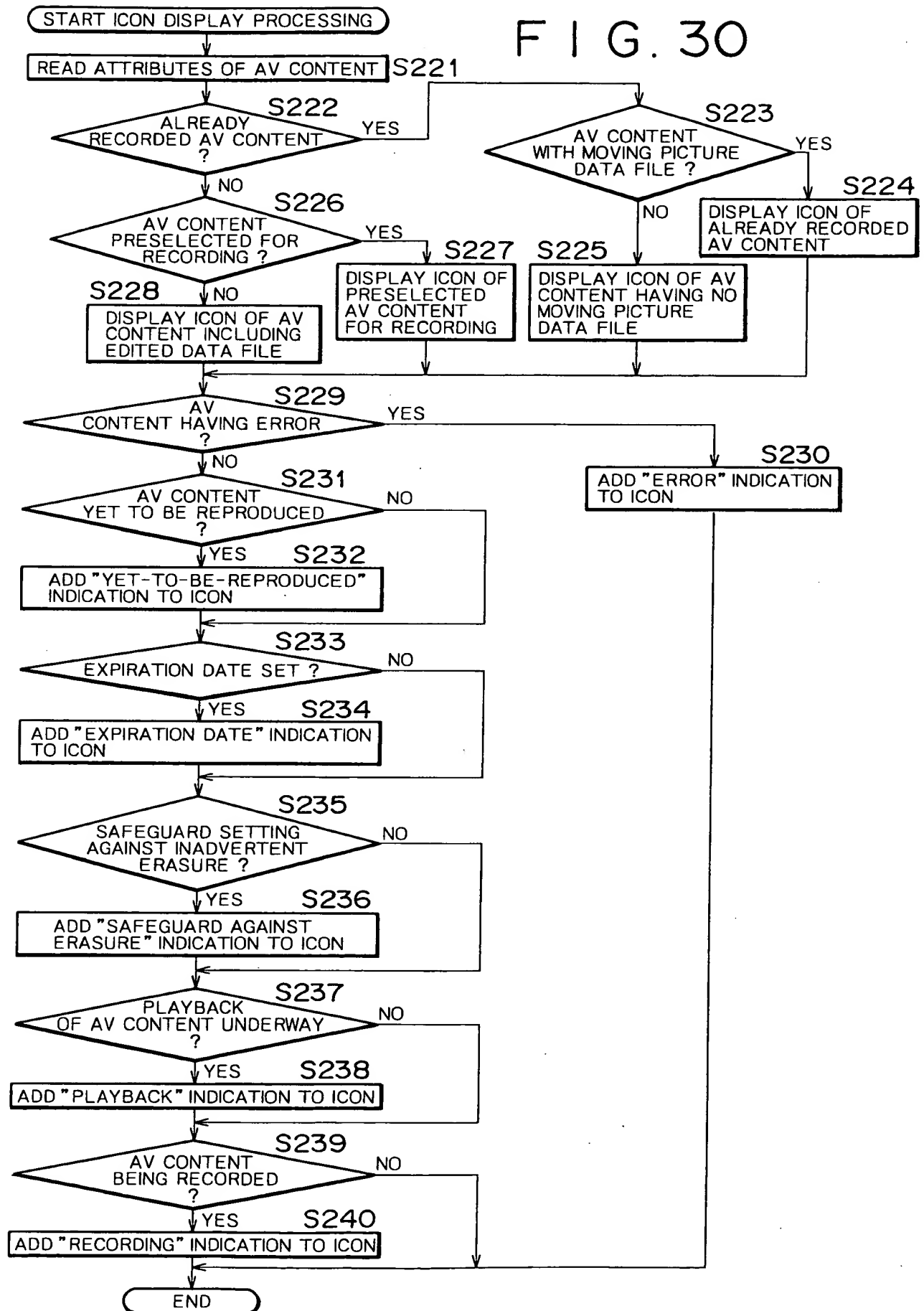


FIG. 31

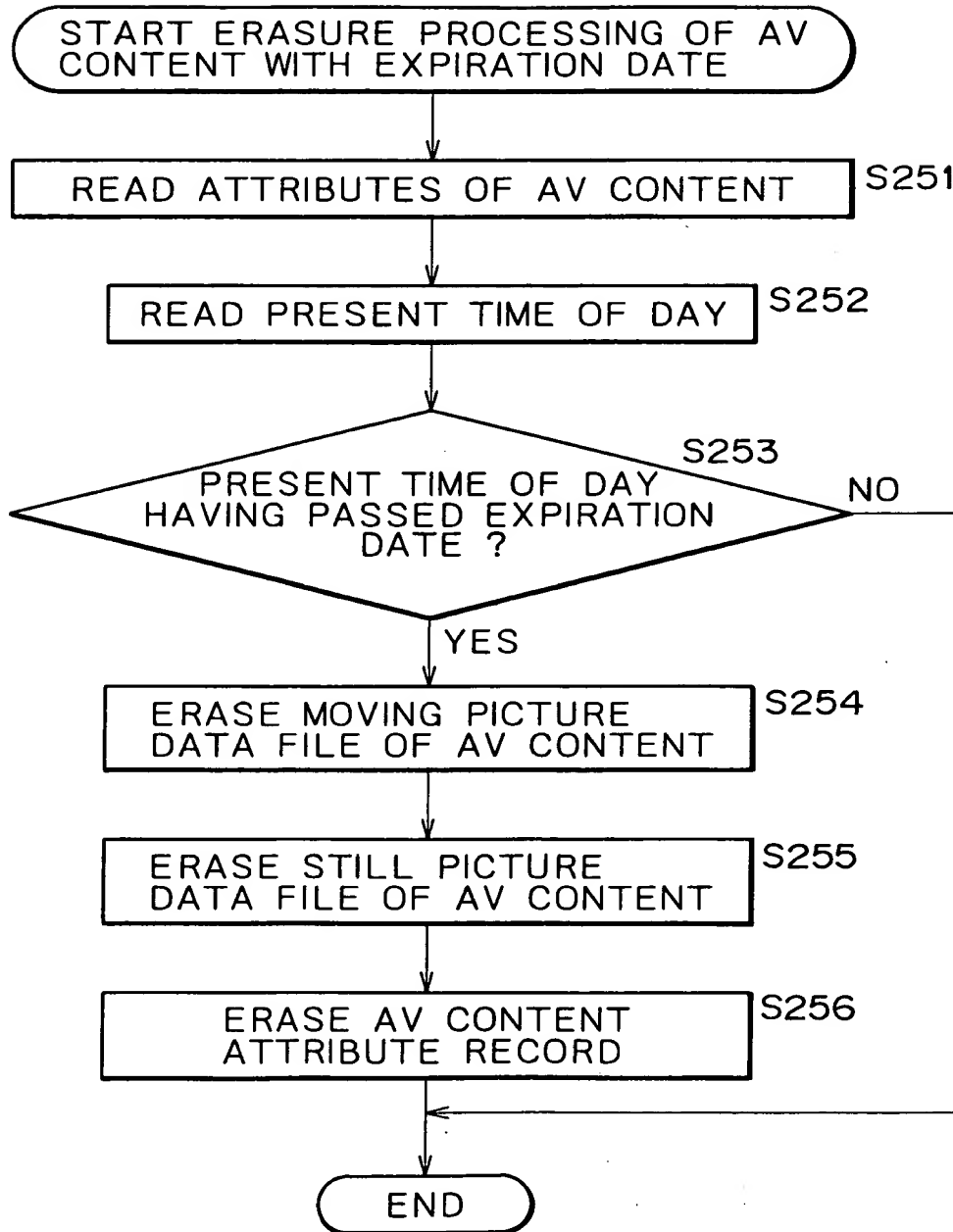


FIG. 32

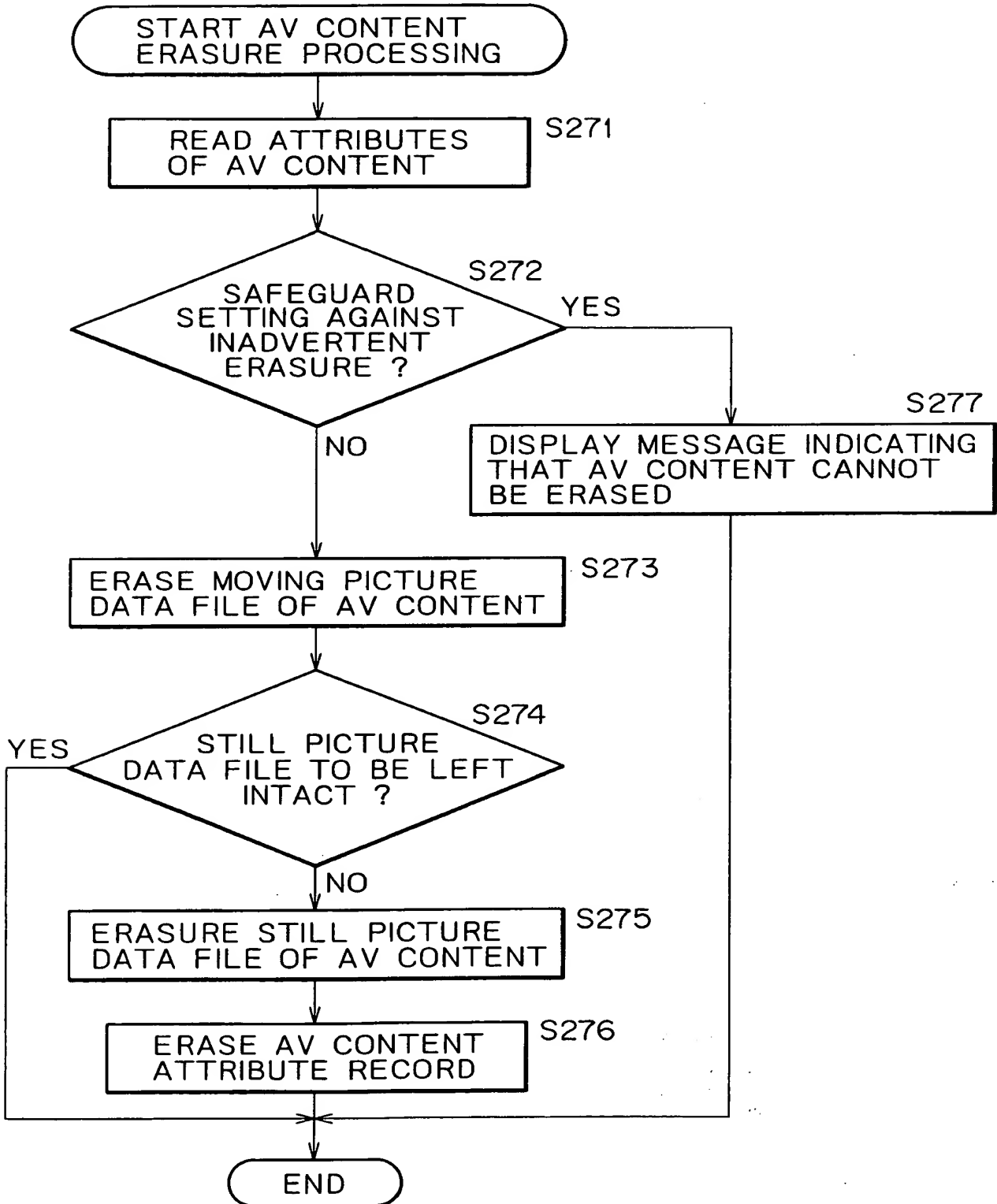


FIG. 33

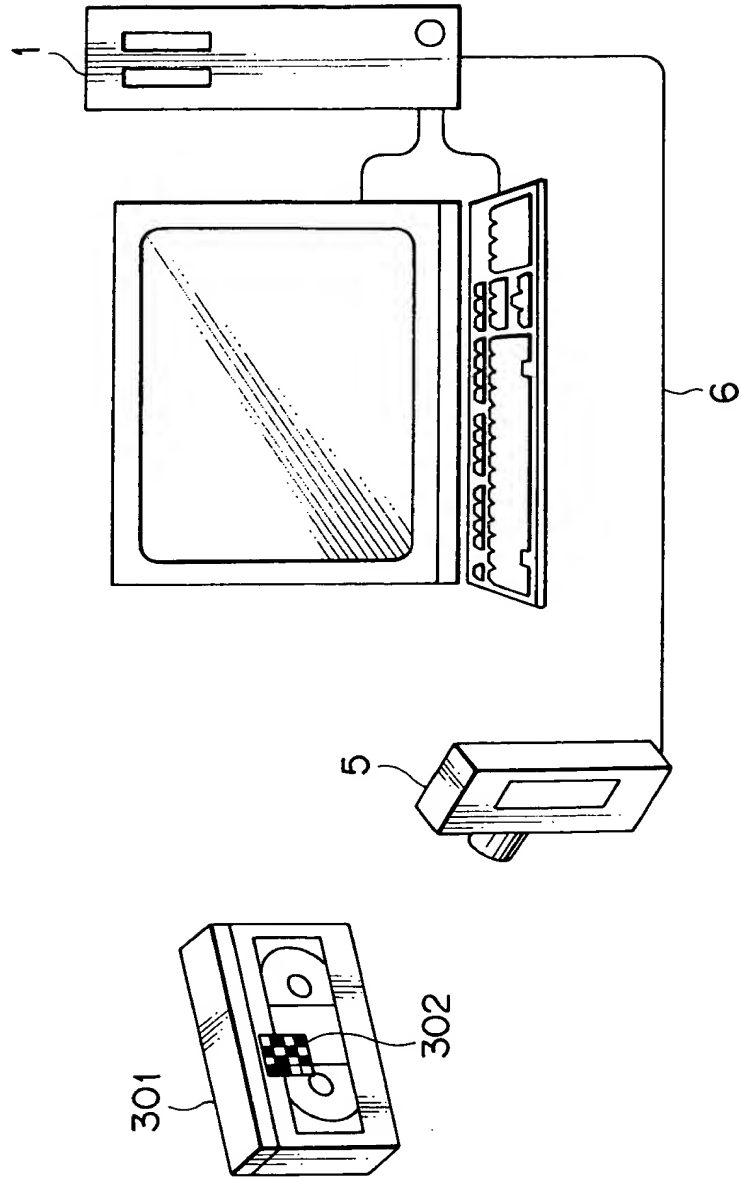


FIG. 34

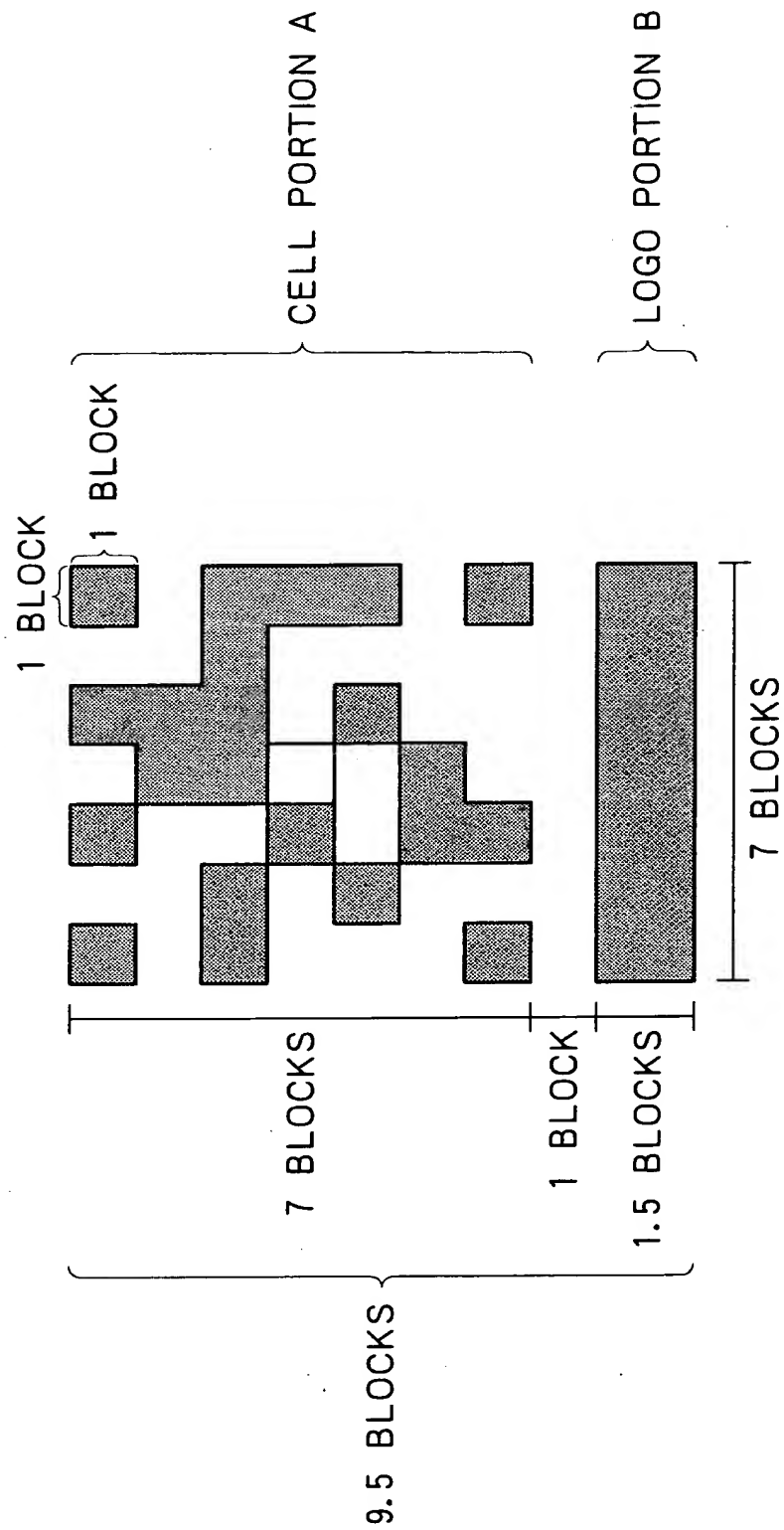
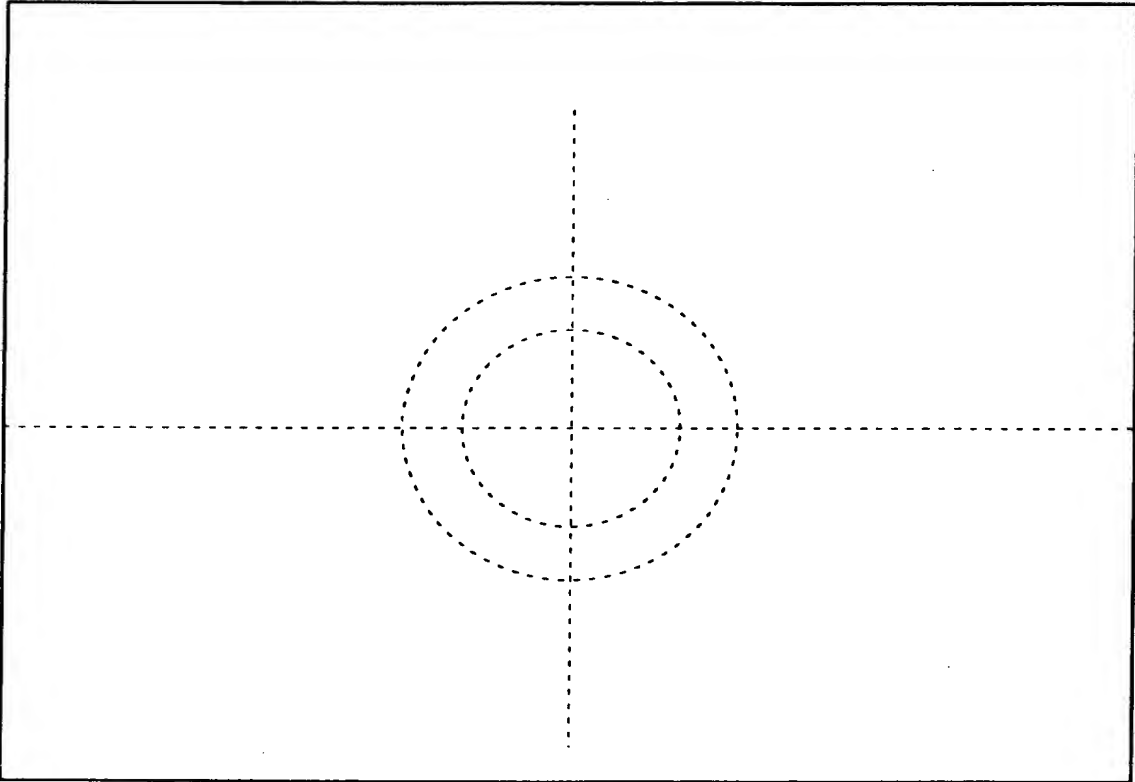


FIG. 35

SEARCH FOR STORED TWO-DIMENSIONAL CODE



INPUT: VIDEO2 INPUT

MESSAGE: GET CAMERA TO PICK UP TWO-DIMENSIONAL CODE LABEL

CLOSE

HELP

FIG. 36

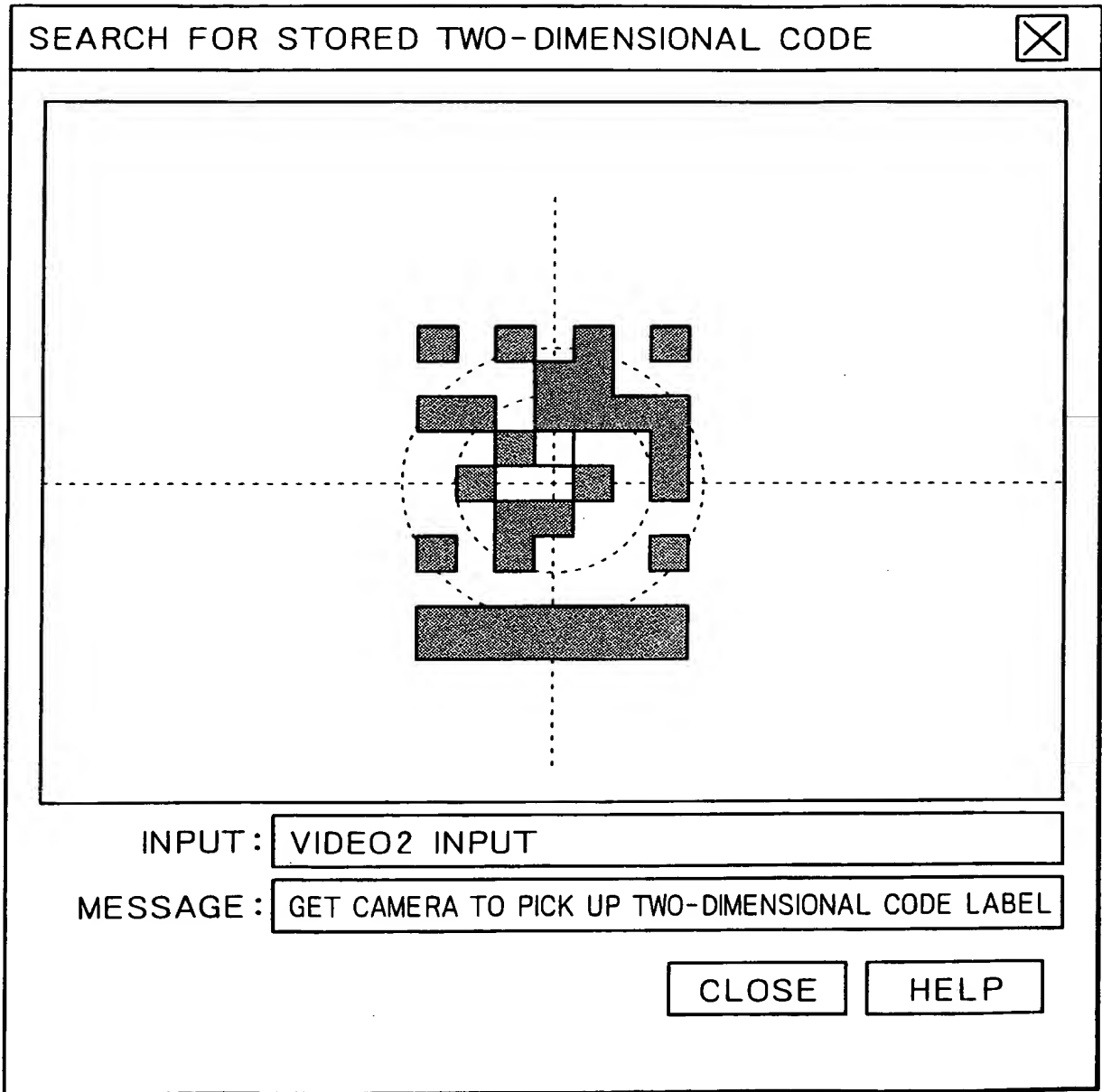


FIG. 37

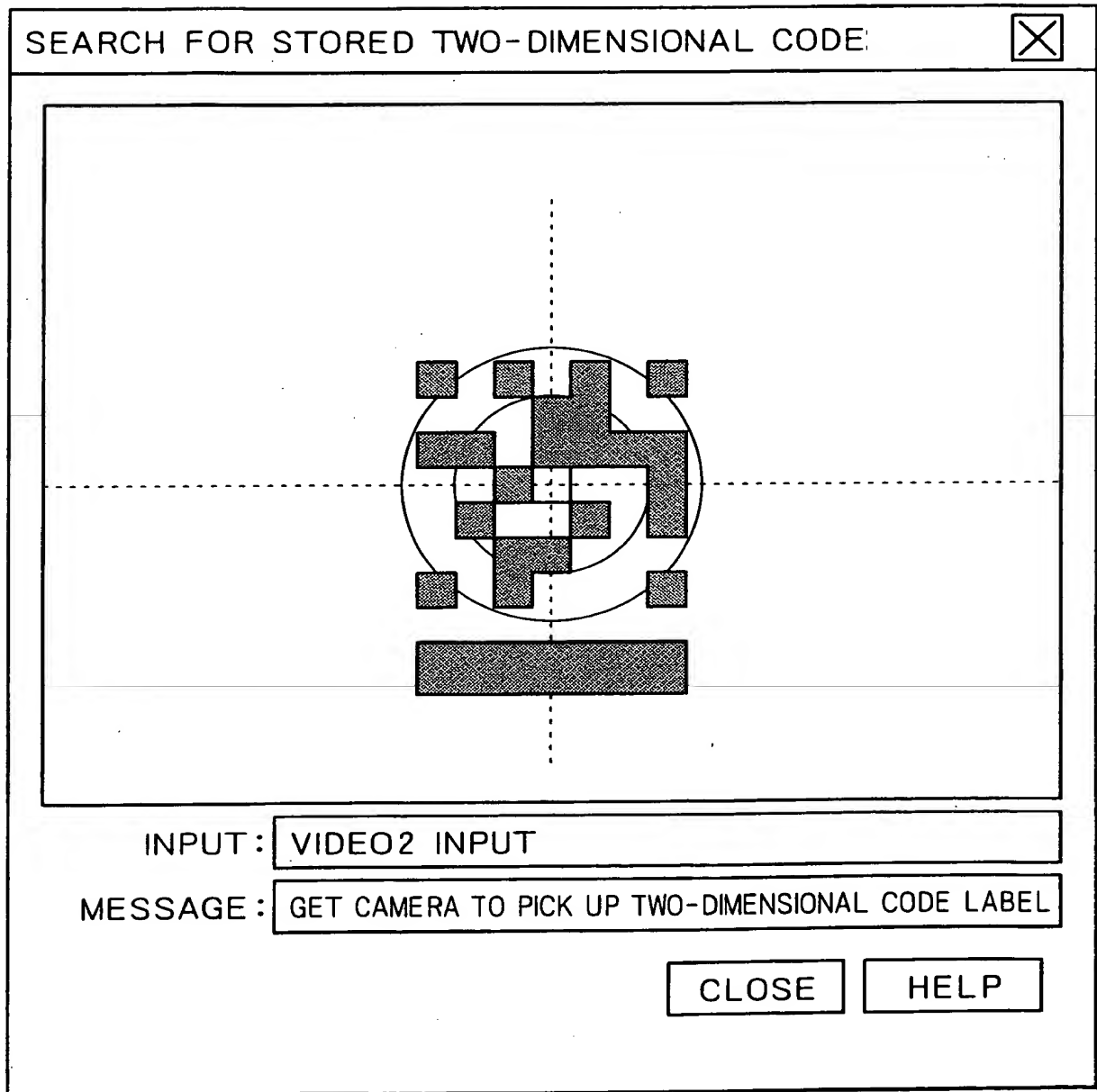


FIG. 38

| SEARCH FOR STORED TWO-DIMENSIONAL CODE | | | | | | | | | | | |
|---|-------|-------|-------|-------|--------|--------|--|--|--|--|--|
| | 301-2 | 301-4 | 301-6 | 301-8 | 301-10 | 301-12 | | | | | |
| 301-1 | 301-3 | 301-5 | 301-7 | 301-9 | 301-11 | | | | | | |
| | 302-2 | 302-4 | 302-6 | 302-8 | 302-10 | 302-12 | | | | | |
| 302-1 | 302-3 | 302-5 | 302-7 | 302-9 | 302-11 | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| INPUT: VIDEO2 INPUT | | | | | | | | | | | |
| MESSAGE: GET CAMERA TO PICK UP TWO-DIMENSIONAL CODE LABEL | | | | | | | | | | | |
| CLOSE | | | | | | HELP | | | | | |

FIG. 39

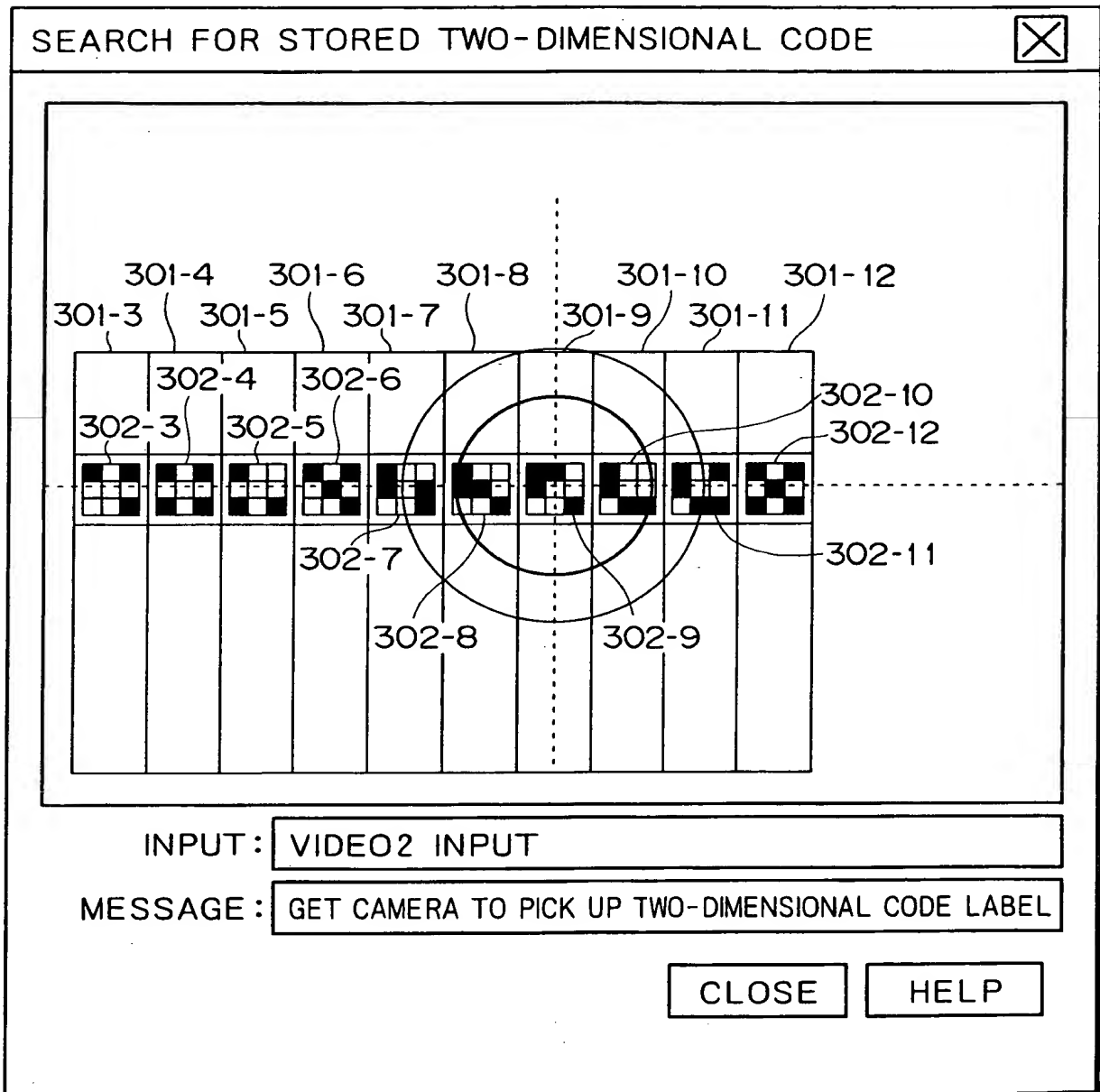

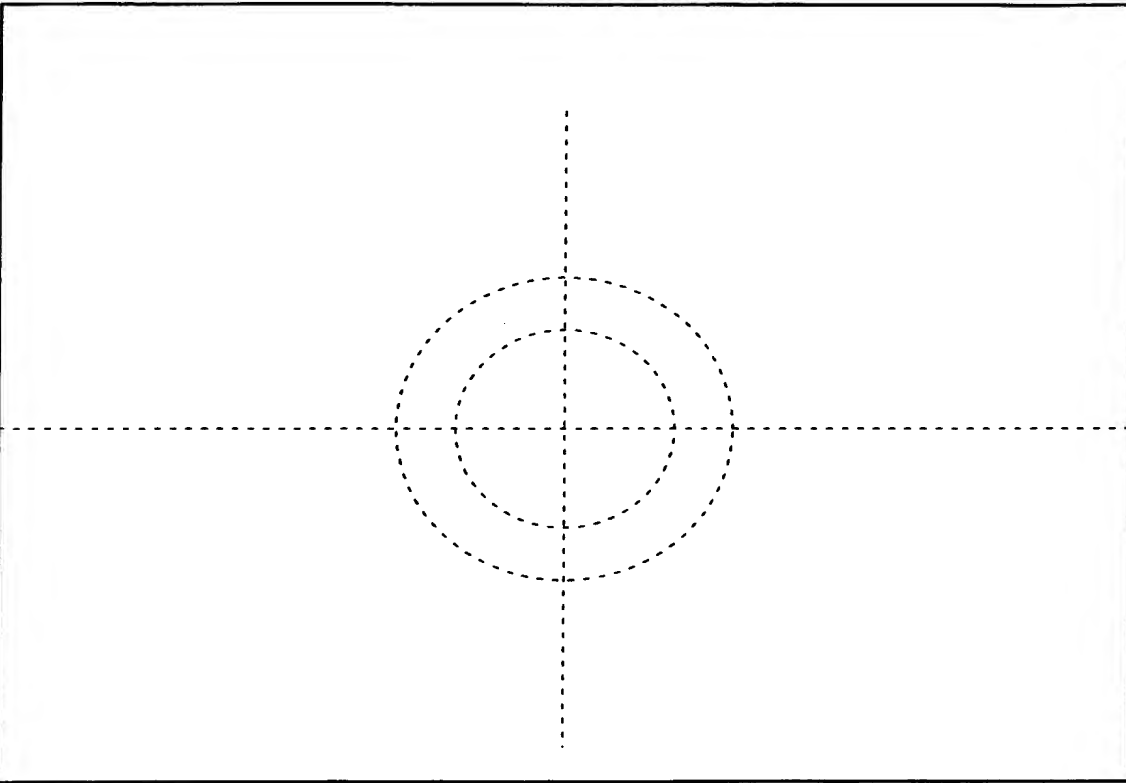


FIG. 40

SEARCH FOR AV CONTENT CORRESPONDING TO TWO-DIMENSIONAL CODE





INPUT: VIDEO2 INPUT

MESSAGE: GET CAMERA TO PICK UP TWO-DIMENSIONAL CODE LABEL

CLOSE

HELP

FIG. 41

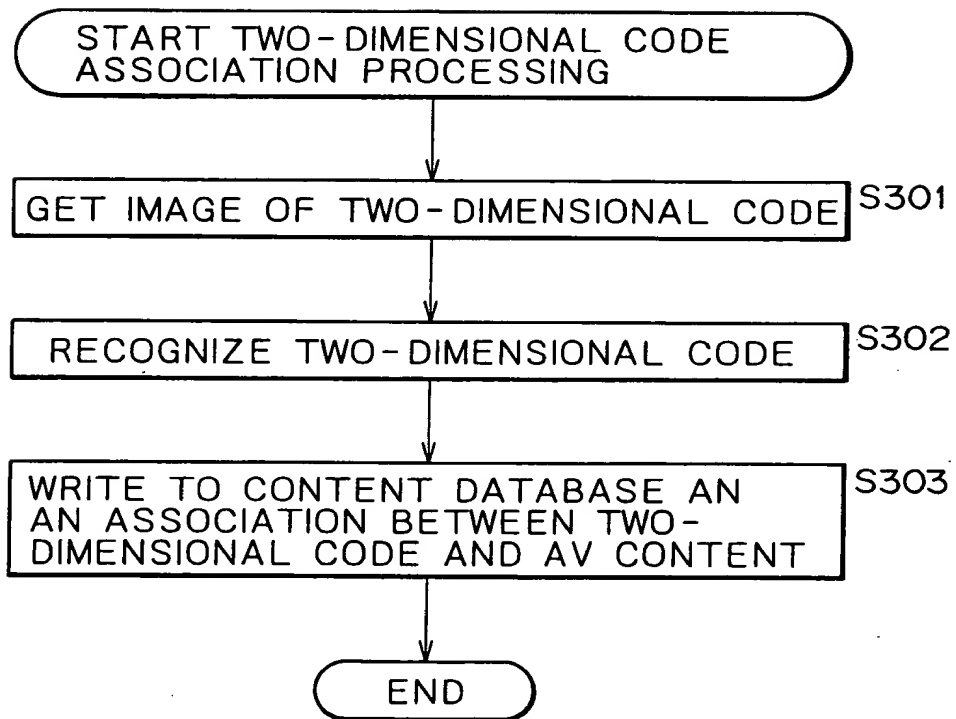


FIG. 42

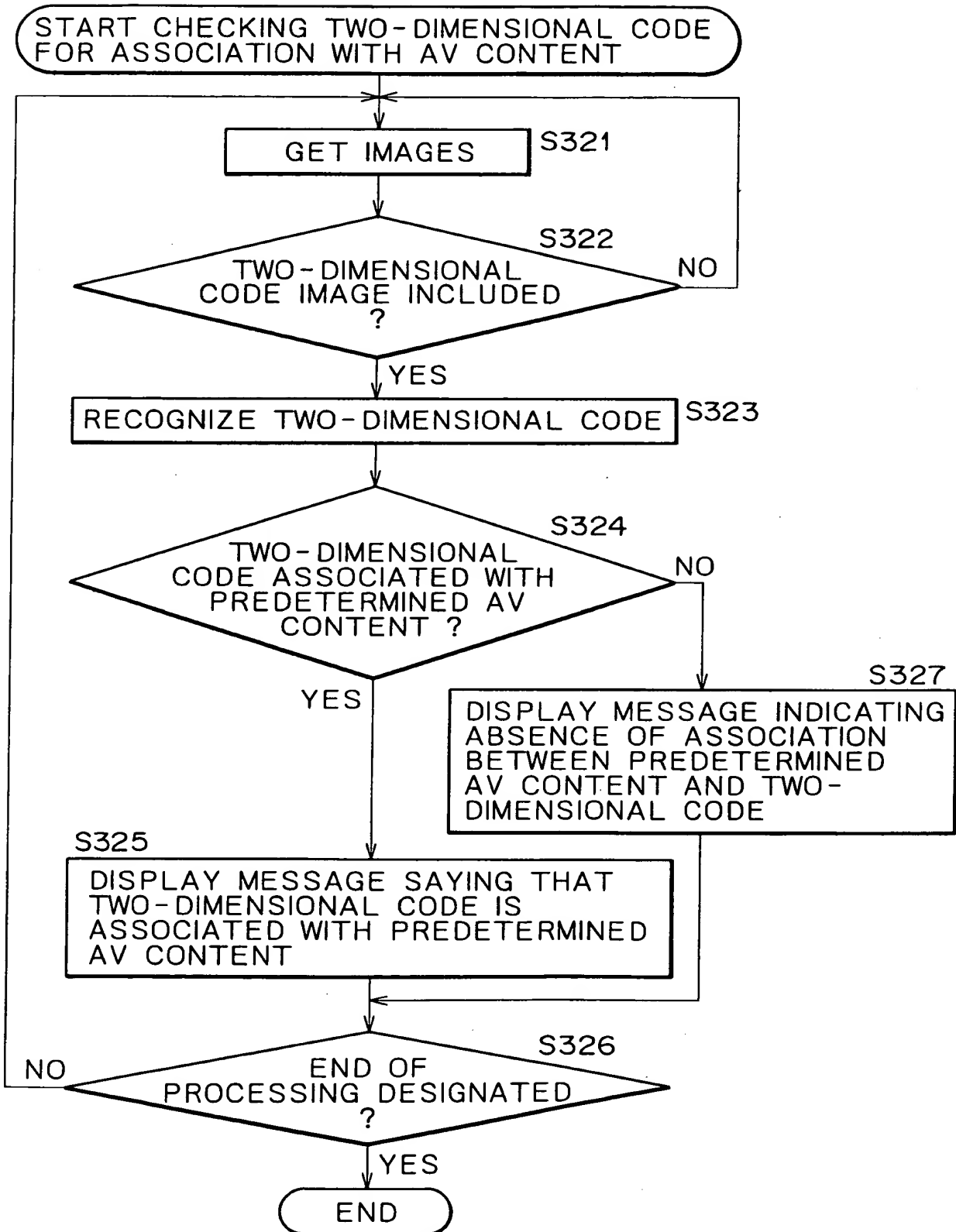


FIG. 43

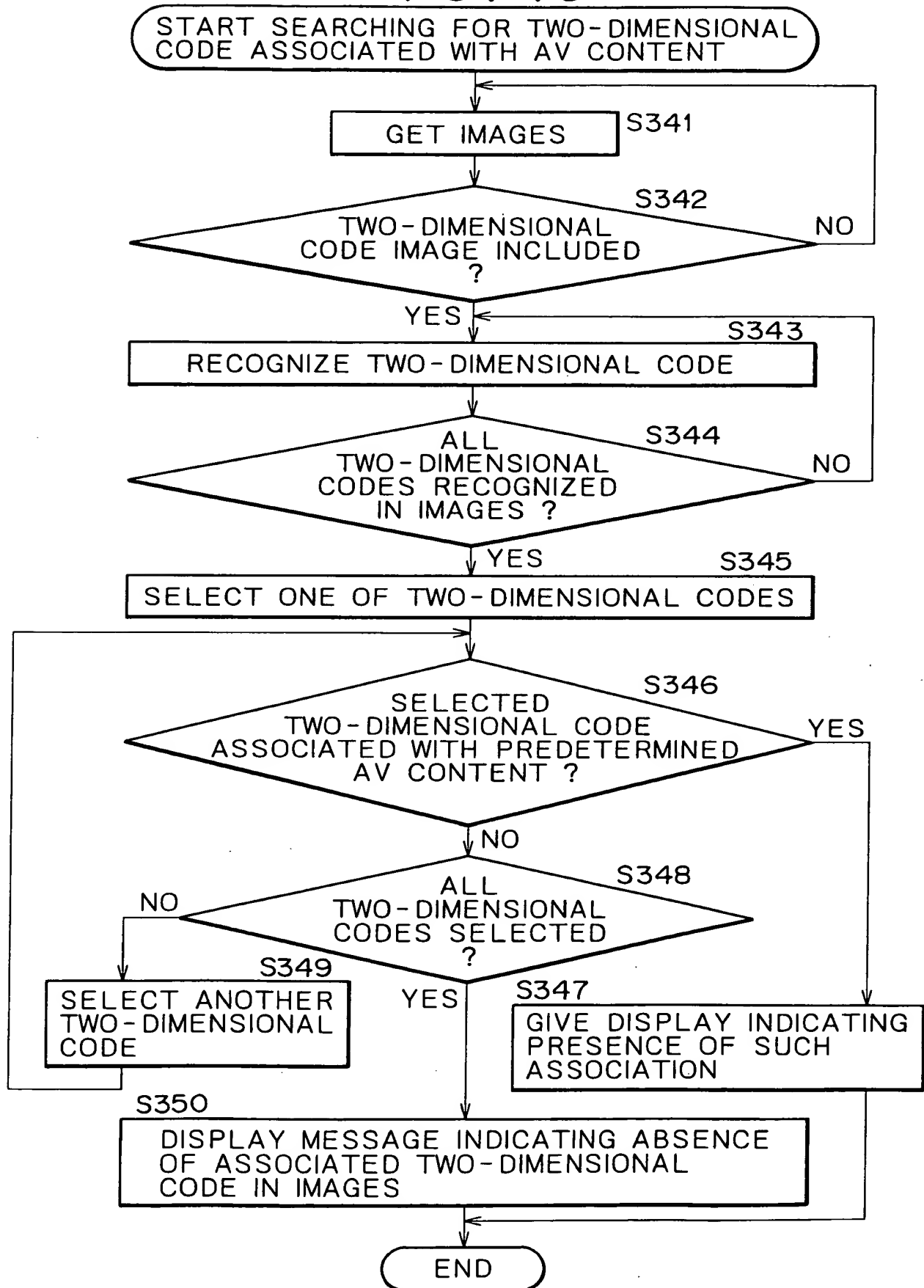


FIG. 44

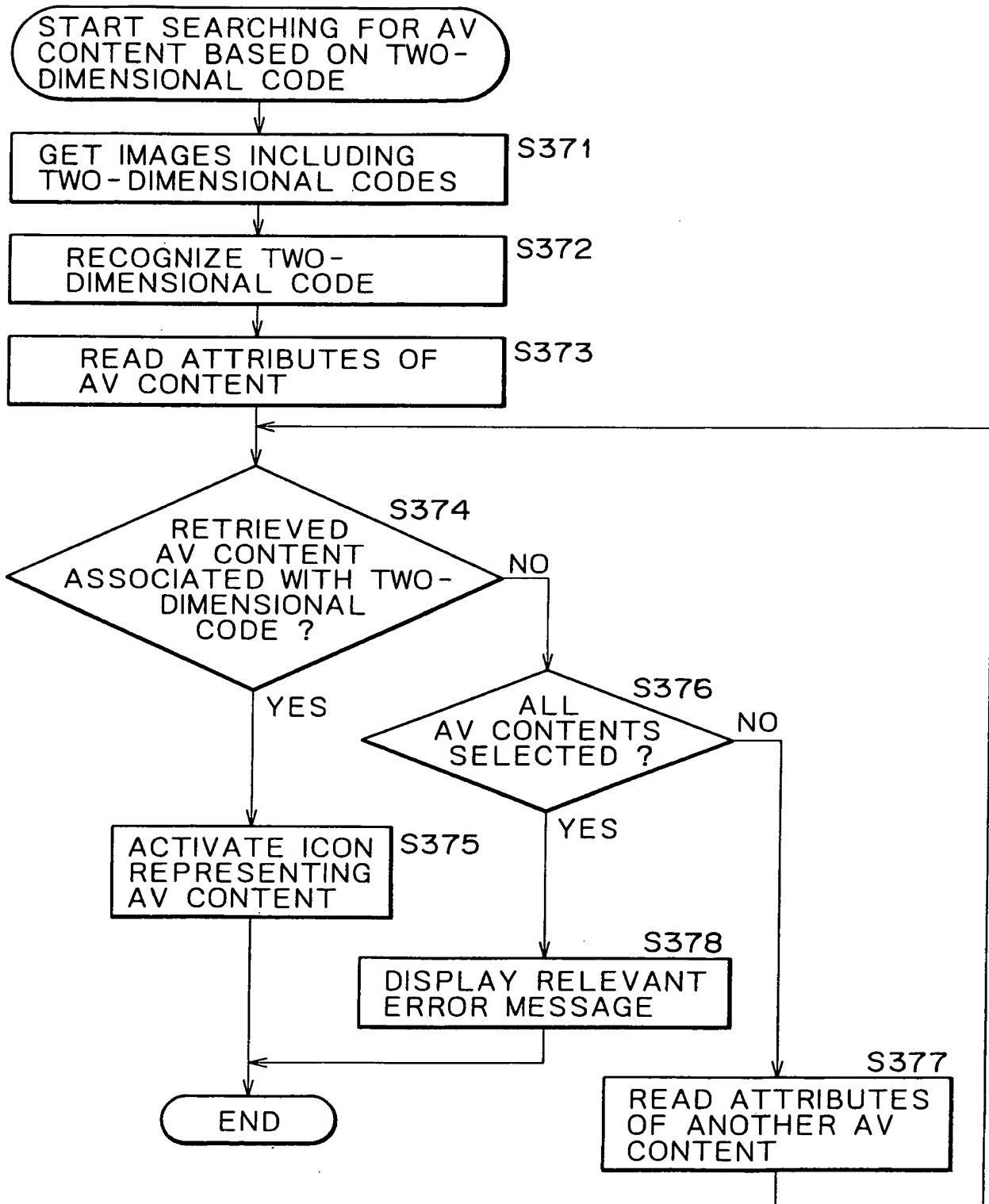


FIG. 45A

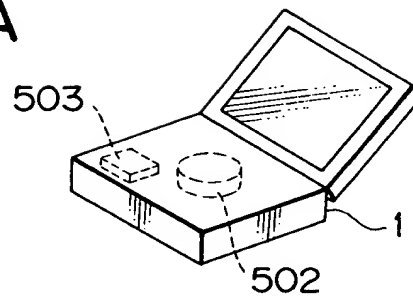


FIG. 45B

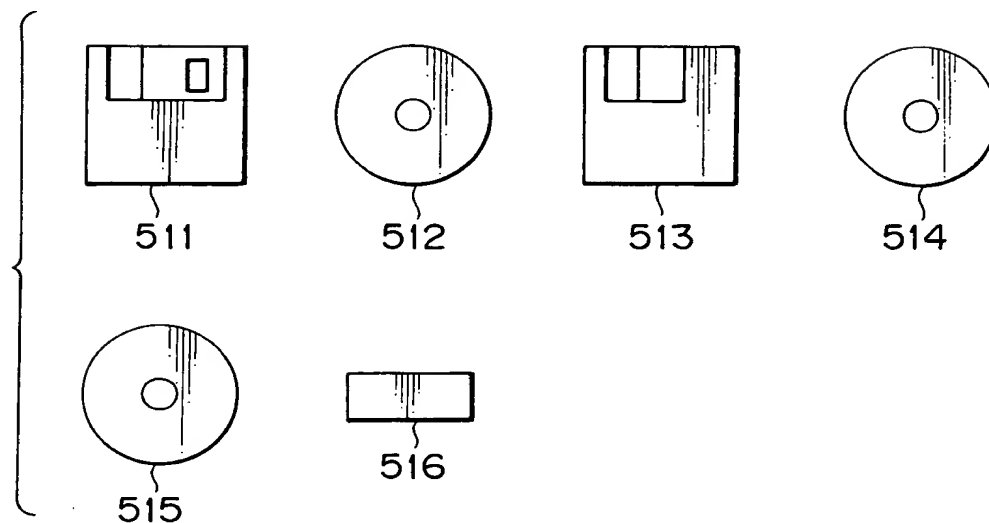


FIG. 45C

